ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Number:	LFL20230206062907

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client:	The Unite Group PLC
Address:	South Quay House, Temple Back, Bristol, BS1 6FL

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

To assess compliance with BS 7671.

Date(s) on which inspection and testing was carried out: 14/09/2022

3 DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Installation Address: Severn Point , Blackwier Terrace, Cardiff, CF10 3EX

Description of premises: Domestic N/A Commercial ✓ Industrial N/A Other: N/A

Estimated age of wiring system: 20 years Evidence of additions/ alterations: Yes if yes, estimated age: 2 years

Installation records available? (Regulation 651.1) No Date of last inspection: 04/09/2017

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

100% of the installation.

Agreed limitations including the reasons (see Regulation 653.2):

No Installation Resistance Testing L-L on Lighting Circuits.

Agreed with: Sam Powell

Operational limitations including the reasons:

None.

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2020.
It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: **SATISFACTORY**

*** An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.**

6 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.
Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.
Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by: 5 Years or change of tenant/owner

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

✓ There are no items adversely affecting electrical safety

or

N/A The following observations and recommendations are made

Item No	Observations	Classification Code
1	Broken Socket in Flat 12	COMPLETE
2	Broken Socket in Flat 17	COMPLETE
3	Broken socket in Flat 22	COMPLETE
4	Broken Socket in Flat 30	COMPLETE
5	Broken Socket in flat 42	COMPLETE
6	No RCD protection to showers throughout site	COMPLETE
7	No RCD protection to Sockets on ground floor	COMPLETE
8	NO RCD protection to Sockets on Top Floor	COMPLETE
9	Some cables not mechanically protected	C3
10	Some switch lines not marked	C3
11	Grommets not used in places	C3
12	Inspection Schedule Item 5.16: Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) is recommended for improvement.	C3
13	Inspection Schedule Item 6.1: Identification of conductors (514.3.1) is recommended for improvement.	C3
14	Inspection Schedule Item 7.1: Identification of conductors (514.3.1) is recommended for improvement.	C3
15	Inspection Schedule Item 7.12.5: For final circuits supplying luminaires within domestic (household) premises (411.3.4) * is recommended for improvement.	C3

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1 **Danger Present** Risk of injury. Immediate remedial action required

C2 **Potentially dangerous** Urgent remedial action required

C3 **Improvement recommended**

FI **Further investigation required without delay**

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	N/A
Improvement recommended for items:	9, 10, 11, 12, 13, 14, 15
Further investigation required for items:	N/A

8 GENERAL CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

General condition fair.

9 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section 4 of this report.

Trading Title:	Ladrillos Facilities Limited		
Address:	Unit 15 Fareham Enterprise Centre Hackett Way Fareham Postcode: PO14 1TH	Registration Number (if applicable):	613275000
		Telephone Number:	01329562200

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name:	Lee Hickley	Position:	Electrician	Signature:		Date:	14/09/2022

Report reviewed and authorised for issue by:

Name:	Lee Scruton	Position:	Qualified Supervisor	Signature:		Date:	14/09/2022

10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

TN-S	N/A
TN-C-S	✓
TNC	N/A
TT	N/A
IT	N/A

Number and Type of Live Conductors

		ac:	✓	dc:	N/A
1-phase (2 wire):	N/A	1-phase (3 wire):	✓	2 pole:	N/A
2-phase (3 wire):	N/A			3 pole:	N/A
3-phase (3 wire):	N/A	3-phase (4 wire):	N/A	Other:	N/A
Other:	N/A				

Confirmation of supply polarity: ✓

Nature of Supply Parameters

Nominal voltage(s):	U: 400 V	Uo:	230 V
Nominal frequency, f:	50 Hz		
Prospective fault current, Ipf:	4.8 kA		
External earth fault loop impedance, Ze:	0.02 Ω		
Number of supplies:	1		

Supply Protective Device

BS(EN):	BS EN 60947-2
Type:	N/A
Rated current:	630 A
Short-circuit capacity:	35 kA

11 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing

Distributor's facility:	✓
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Resistance to Earth:	N/A Ω	Method of measurement:	N/A

Maximum Demand (Load): 630 Amps

Protective measure(s) against electric shock: ADS

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Type BS(EN):	60947-2	Current rating:	630 A	Supply conductors material:	Copper
Number of poles:	4	Fuse/device rating or setting:	630 A	Supply conductors csa:	220x2mm²
		Voltage rating:	400 V		

If RCD main switch:

Rated residual operating current ($I_{\Delta n}$):	N/A mA
Rated time delay:	N/A ms
Measured operating time (at $I_{\Delta n}$):	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material:	Copper	csa:	95 mm²	Connection/ continuity verified:	✓

Main protective bonding conductors

Conductor material:	Copper	csa:	50 mm²	Connection/ continuity verified:	✓

Bonding of extraneous-conductive parts

To water installation pipes:	✓	To gas installation pipes:	✓
To oil installation pipes:	N/A	To lightning protection:	✓
To structural steel:	✓	To other service(s):	N/A

12 INSPECTION SCHEDULE

Item	Description	Comment	Outcome
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)**		
1.1	Service cable	N/A	Pass
1.2	Service head	N/A	Pass
1.3	Earthing arrangements	N/A	Pass
1.4	Meter tails	N/A	Pass
1.5	Metering equipment	N/A	Pass
1.6	Isolator (where present)	N/A	Pass
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	**AUTOMATIC DISCONNECTION OF SUPPLY**		
3.1	**Main earthing/bonding arrangements (411.3; Chap 54):**		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	N/A	Pass
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	Pass
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	Pass
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	Pass
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	Pass
4.0	**OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details should be provided on separate sheets)**		
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	Pass
4.3	Electrical separation (Section 413; 418.3)	N/A	Pass
4.4	Double insulation (Section 412)	N/A	Pass
4.5	Reinforced insulation (Section 412)	N/A	Pass
5.0	**DISTRIBUTION EQUIPMENT**		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	Pass
5.2	Security of fixing (134.1.1)	N/A	Pass
5.3	Condition of insulation of live parts (416.1)	N/A	Pass
5.4	Adequacy/security of barriers (416.2)	N/A	Pass
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	Pass
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	Pass
5.8	Presence and effectiveness of obstacles (417.2)	N/A	Pass
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

13 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	Pass
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	Pass
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	Pass
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	Pass
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	N/A	Pass
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	Pass
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	C3
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	Pass
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	Pass
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	Pass
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	Pass
5.21	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	N/A	Pass
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	Pass
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	Pass
6.0	**DISTRIBUTION CIRCUITS**		
6.1	Identification of conductors (514.3.1)	N/A	C3
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
6.3	Condition of insulation of live parts (416.1)	N/A	Pass
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	Pass
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	N/A	Pass
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	Pass
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

14 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	Pass
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	Pass
6.15	**Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, and in partitions containing metal parts:**		
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	LIM
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	N/A	Pass
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	LIM
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	LIM
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
6.19	Condition of circuit accessories (651.2)	N/A	Pass
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	Pass
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	Pass
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	Pass
6.24	General condition of wiring systems (651.2)	N/A	Pass
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass
7.0	**FINAL CIRCUITS**		
7.1	Identification of conductors (514.3.1)	N/A	C3
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
7.3	Condition of insulation of live parts (416.1)	N/A	Pass
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass
7.11	**Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204):**		
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	LIM
7.11.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)	N/A	LIM

OUTCOMES												
Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

15 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
7.12	**Provision of additional protection by 30mA RCD:**		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	Pass
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	Pass
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	Pass
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	Pass
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	C3
	* Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for additional protection.		
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	Pass
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
7.16	**Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526):**		
7.16.1	Connections under no undue strain (526.6)	N/A	Pass
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	Pass
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	Pass
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	Pass
7.18	Suitability of accessories for external influences (512.2)	N/A	Pass
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	Pass
8.0	**ISOLATION AND SWITCHING**		
8.1	**Isolators (Sections 460; 537):**		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	Pass
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	Pass
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.1.4	Correct operation verified (643.10)	N/A	Pass
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	Pass
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	Pass
8.2	**Switching off for mechanical maintenance (Section 464; 537.3.2):**		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	Pass
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	Pass
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.2.4	Correct operation verified (643.10)	N/A	Pass
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

16 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
8.3	**Emergency switching/stopping (Section 465; 537.3.3):**		
8.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	N/A	Pass
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	Pass
8.3.3	Correct operation verified (643.10)	N/A	Pass
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	Pass
8.4	**Functional switching (Section 463; 537.3.1):**		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	Pass
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	Pass
9.0	**CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)**		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	Pass
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	Pass
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	Pass
9.4	Suitability for the environment and external influences (512.2)	N/A	Pass
9.5	Security of fixing (134.1.1)	N/A	Pass
9.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	N/A	Pass
9.7	**Recessed luminaires (downlighters):**		
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	Pass
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	Pass
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	Pass
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	Pass
10.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**		
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	Pass
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	Pass
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	Pass
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	Pass
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	Pass
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	Pass
11.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	N/A	N/A	N/A

OUTCOMES												
Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

17 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 1** Location: Flat 1

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	26/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	26/19	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	28/19	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	26/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.10	0.36	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	1.13	0.48	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	1.20	0.31	---	>200	> 200	500	✓	0.42	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.19	---	>200	> 200	500	✓	0.21	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

18 BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

19 DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

20 TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 1** Location: Flat 1

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.23	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 2** Location: Flat 2

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.45	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	29/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.46	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.47	28/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/18	✓	---
8	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/19	✓	---
9	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	27/19	✓	---
10	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/18	✓	---
11	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	29/18	✓	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 2** Location: Flat 2

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		r1	rn	r2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	29/17	✓	---
13	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	28/18	✓	---
14	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	19/18	✓	---
15	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.38	0.38	0.58	0.27	---	>200	> 200	500	✓	0.38	20/18	✓	---
16	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.40	0.40	0.69	0.28	---	>200	> 200	500	✓	0.40	21/17	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.26	0.26	0.47	0.19	---	>200	> 200	500	✓	0.35	22/19	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	61009	B	16	10	---	2.73	---	---	---	0.46	---	>200	> 200	500	✓	0.62	20/18	✓	---
12	Lighting	A	C	17	1.5	1.0	0.4	61009	B	6	10	---	7.28	---	---	---	1.10	---	LIM	> 200	500	✓	1.26	19/17	✓	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 3** Location: Flat 3

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.47	28/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	28,18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.50	29/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.48	22/17	✓	---
7	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	28/19	✓	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.72	0.72	1.22	0.37	---	>200	> 200	500	✓	0.47	27/17	✓	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.58	0.58	0.92	0.38	---	>200	> 200	500	✓	0.47	18/17	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.37	0.37	0.59	0.20	---	>200	> 200	500	✓	0.30	19/18	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.18	---	>200	> 200	500	✓	0.27	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 3** Location: Flat 3

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.08	---	LIM	> 200	500	✓	1.28	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 4** Location: Flat 4

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	27/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	29/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	28/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	27/19	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	29/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.77	0.77	1.25	0.40	---	>200	> 200	500	✓	0.53	19/17	✓	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.53	0.53	0.92	0.32	---	>200	> 200	500	✓	0.44	20/19	✓	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.40	0.40	0.69	0.30	---	>200	> 200	500	✓	0.40	19/17	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.43	---	>200	> 200	500	✓	0.59	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 0.9 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 4** Location: Flat 4

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.24	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 5** Location: Flat 5

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	27/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	28/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.72	0.72	1.23	0.33	---	>200	> 200	500	✓	0.42	26/17	✓	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.57	0.57	0.93	0.30	---	>200	> 200	500	✓	0.41	22/19	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.41	0.41	0.68	0.12	---	>200	> 200	500	✓	0.29	19/17	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	> 200	500	✓	0.38	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L1 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 5** Location: Flat 5

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 6** Location: Flat 6

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.45	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.52	29/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.54	28/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	27/19	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.47	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.74	0.74	1.25	0.40	---	>200	> 200	500	✓	0.51	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.59	0.59	0.98	0.35	---	>200	> 200	500	✓	0.46	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.44	0.44	0.68	0.23	---	>200	> 200	500	✓	0.35	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.17	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 6** Location: Flat 6

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 7** Location: Flat 7

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.50	28/20	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.42	---	>200	> 200	500	✓	0.51	29/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	29/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.48	27/17	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.19	---	>200	> 200	500	✓	0.30	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.77	0.77	1.25	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.35	---	>200	> 200	500	✓	0.47	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.39	0.39	0.60	0.25	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 7** Location: Flat 7

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.26	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 8** Location: Flat 8

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.46	27/20	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.47	28//28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.24	---	>200	> 200	500	✓	0.38	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.81	0.81	1.30	0.30	---	>200	> 200	500	✓	0.43	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.60	0.60	0.95	0.31	---	>200	> 200	500	✓	0.44	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.41	0.41	0.69	0.20	---	>200	> 200	500	✓	0.34	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.16	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 8** Location: Flat 8

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 9** Location: Flat 9

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.50	28/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.50	29/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.51	29/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.76	0.76	1.24	0.43	---	>200	> 200	500	✓	0.54	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.55	0.55	0.96	0.34	---	>200	> 200	500	✓	0.45	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.32	0.32	0.50	0.20	---	>200	> 200	500	✓	0.32	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.06	---	>200	> 200	500	✓	0.23	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 10 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 9** Location: Flat 9

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.18	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 10** Location: Flat 10

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.53	38/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.55	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.49	28/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.50	29/17	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.39	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.78	0.78	1.28	0.20	---	>200	> 200	500	✓	0.35	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.58	0.58	0.96	0.32	---	>200	> 200	500	✓	0.48	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.33	0.33	0.58	0.26	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.22	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 10** Location: Flat 10

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 11** Location: Flat 11

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	38/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.52	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.51	28/19	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.49	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.84	0.84	1.38	0.37	---	>200	> 200	500	✓	0.46	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.55	0.55	0.93	0.36	---	>200	> 200	500	✓	0.45	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.36	0.36	0.59	0.27	---	>200	> 200	500	✓	0.35	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.18	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 11** Location: Flat 11

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	LIM	> 200	500	✓	1.32	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 12** Location: Flat 12

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/19	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.53	38/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/40	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.54	28/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.78	0.78	1.29	0.35	---	>200	> 200	500	✓	0.47	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.53	0.53	0.87	0.27	---	>200	> 200	500	✓	0.42	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.35	0.35	0.58	0.27	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 12** Location: Flat 12

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In mA	Ω	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	≥ Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
					mm^2	mm^2	s							r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 14** Location: Flat 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	29/29	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.53	38/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.52	33/27	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.50	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.80	0.80	1.30	0.37	---	>200	> 200	500	✓	0.49	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.38	---	>200	> 200	500	✓	0.52	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.36	0.36	0.59	0.30	---	>200	> 200	500	✓	0.43	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.04	---	>200	> 200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L2 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 14** Location: Flat 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.30	---	LIM	> 200	500	✓	1.43	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 15** Location: Flat 15

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.52	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.59	38/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.48	---	>200	> 200	500	✓	0.58	38/38	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.46	---	>200	> 200	500	✓	0.59	28/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.44	---	>200	> 200	500	✓	0.56	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.42	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.77	0.77	1.23	0.40	---	>200	> 200	500	✓	0.51	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.32	---	>200	> 200	500	✓	0.43	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.37	0.37	0.60	0.25	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.06	---	>200	> 200	500	✓	0.23	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: N/A kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 15** Location: Flat 15

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.12	---	LIM	> 200	500	✓	1.25	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 16** Location: Flat 16

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.53	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.42	---	>200	> 200	500	✓	0.56	29/38	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.55	38/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.47	---	>200	> 200	500	✓	0.54	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.46	---	>200	> 200	500	✓	0.58	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.74	0.74	1.23	0.30	---	>200	> 200	500	✓	0.44	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.92	0.31	---	>200	> 200	500	✓	0.46	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.34	0.34	0.53	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.15	---	>200	> 200	500	✓	0.32	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 0.9 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 16** Location: Flat 16

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s					mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.28	---	LIM	> 200	500	✓	1.33	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 17** Location: Flat 17

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.48	38/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.46	28/19	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	19/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.42	38/26	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/15	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	1.10	0.30	---	>200	> 200	500	✓	0.41	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.12	0.39	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	1.20	0.20	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.43	---	>200	> 200	500	✓	0.61	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 17** Location: Flat 17

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.32	---	LIM	> 200	500	✓	1.43	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 18** Location: Flat 18

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	31/27	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	38/16	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	38/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.42	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	27/27	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.62	0.62	1.08	0.31	---	>200	> 200	500	✓	0.42	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.59	0.59	0.99	0.39	---	>200	> 200	500	✓	0.55	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	1.20	0.27	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 18** Location: Flat 18

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 19** Location: Flat 19

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	39/27	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.46	18/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.10	0.33	---	>200	> 200	500	✓	0.49	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	1.08	0.44	---	>200	> 200	500	✓	0.59	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	1.24	0.50	---	>200	> 200	500	✓	0.61	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.40	---	>200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 19** Location: Flat 19

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 20** Location: Flat 20

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.42	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	38/27	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	38/22	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	38/26	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.61	0.61	1.05	0.30	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	1.08	0.33	---	>200	> 200	500	✓	0.48	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.65	0.65	1.10	0.32	---	>200	> 200	500	✓	0.46	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.21 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 20** Location: Flat 20

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 21** Location: Flat 21

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.39	38/26	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/27	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/29	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.67	0.67	0.90	0.33	---	>200	> 200	500	✓	0.45	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.34	---	>200	> 200	500	✓	0.48	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.84	0.38	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 21** Location: Flat 21

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 22** Location: Flat 22

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.23	---	>200	> 200	500	✓	0.39	28/15	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/17	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.45	38/38	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	38/38	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.46	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.65	0.91	0.32	---	>200	> 200	500	✓	0.55	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.65	0.65	0.89	0.40	---	>200	> 200	500	✓	0.56	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.97	0.36	---	>200	> 200	500	✓	0.48	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.44	---	>200	> 200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 22** Location: Flat 22

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 23** Location: Flat 23

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/20	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	38/22	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	28/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.92	0.32	---	>200	> 200	500	✓	0.40	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.30	---	>200	> 200	500	✓	0.33	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.42	---	>200	> 200	500	✓	0.58	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.41	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 23** Location: Flat 23

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 24** Location: Flat 24

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.44	38/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.99	0.31	---	>200	> 200	500	✓	0.41	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.93	0.30	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.90	0.42	---	>200	> 200	500	✓	0.63	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 24** Location: Flat 24

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.49	---	LIM	> 200	500	✓	1.61	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 25** Location: Flat 25

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.40	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	36/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.32	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.30	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.95	0.41	---	>200	> 200	500	✓	0.52	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 25** Location: Flat 25

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 26** Location: Flat 26

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	26/30	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.45	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.46	28/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.61	0.61	0.95	0.29	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.97	0.31	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.28	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.22	---	>200	> 200	500	✓	0.47	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 26** Location: Flat 26

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 27** Location: Flat 27

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.44	38/38	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.89	0.42	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.83	0.49	---	>200	> 200	500	✓	0.61	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.93	0.34	---	>200	> 200	500	✓	0.44	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 27** Location: Flat 27

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.39	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 28** Location: Flat 28

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	29/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.39	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.43	---	>200	> 200	500	✓	0.65	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.30	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L1 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.19 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 28** Location: Flat 28

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.48	---	LIM	> 200	500	✓	1.63	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 29** Location: Flat 29

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	37/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	38/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	18/36	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.91	0.34	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.95	0.46	---	>200	> 200	500	✓	0.52	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.40	---	>200	> 200	500	✓	0.51	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 29** Location: Flat 29

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.33	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 30** Location: Flat 30

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	38/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/39	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.43	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.91	0.37	---	>200	> 200	500	✓	0.58	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.46	---	>200	> 200	500	✓	0.42	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.30	---	>200	> 200	500	✓	0.58	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 30** Location: Flat 30

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.39	---	LIM	> 200	500	✓	1.56	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 31** Location: Flat 31

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	27/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.46	38/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	18/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	29/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.60	0.60	0.89	0.32	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.40	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.93	0.33	---	>200	> 200	500	✓	0.49	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.46	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 31** Location: Flat 31

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 32** Location: Flat 32

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	29/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	27/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	18/32	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.91	0.43	---	>200	> 200	500	✓	0.51	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.42	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.97	0.40	---	>200	> 200	500	✓	0.53	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.35	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L1 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.19 Ω Ipf: N/A kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 32** Location: Flat 32

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.38	---	LIM	> 200	500	✓	1.44	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 33** Location: Flat 33

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	18/38	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	38/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.43	27/20	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	30/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.59	0.59	0.92	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.98	0.40	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.91	0.30	---	>200	> 200	500	✓	0.45	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 33** Location: Flat 33

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.54	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 34** Location: Flat 34

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	27/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	44/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.42	37/42	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.45	23/20	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.44	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.44	---	>200	> 200	500	✓	0.50	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.86	0.35	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.45	---	>200	> 200	500	✓	0.62	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L2 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 34** Location: Flat 34

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.53	---	LIM	> 200	500	✓	1.69	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 35** Location: Flat 35

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.45	18/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.46	36/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	27/32	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.40	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.44	---	>200	> 200	500	✓	0.53	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.34	---	>200	> 200	500	✓	0.44	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 35** Location: Flat 35

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 36** Location: Flat 36

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/27	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.43	20/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	18/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	26/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	38/38	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.30	---	>200	> 200	500	✓	0.47	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.95	0.38	---	>200	> 200	500	✓	0.50	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.30	---	>200	> 200	500	✓	0.46	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 36** Location: Flat 36

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.33	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 37** Location: Flat 37

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	38/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	38/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.40	18/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.39	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.57	---	>200	> 200	500	✓	0.54	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.30	---	>200	> 200	500	✓	0.42	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L2 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.1 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 37** Location: Flat 37

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.48	---	LIM	> 200	500	✓	1.48	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 38** Location: Flat 38

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	18/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.46	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.49	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.41	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.22	---	>200	> 200	500	✓	0.43	39/27	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.87	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.91	0.40	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.95	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.40	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 38** Location: Flat 38

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 39** Location: Flat 39

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	A	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.40	28/19	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.24	---	>200	> 200	500	✓	0.39	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	33/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.48	38/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	18/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.92	0.41	---	>200	> 200	500	✓	0.55	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.33	---	>200	> 200	500	✓	0.42	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.93	0.33	---	>200	> 200	500	✓	0.47	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.52	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 39** Location: Flat 39

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 40** Location: Flat 40

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.45	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.43	29/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.90	0.45	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.38	---	>200	> 200	500	✓	0.45	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.96	0.31	---	>200	> 200	500	✓	0.54	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.38	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 40** Location: Flat 40

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.22	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 41** Location: Flat 41

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	36/12	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	29/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.45	38/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.28	---	>200	> 200	500	✓	0.46	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.98	0.32	---	>200	> 200	500	✓	0.45	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.39	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 41** Location: Flat 41

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.68	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 42** Location: Flat 42

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/22	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.45	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/27	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	26/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	30	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.96	0.41	---	>200	> 200	500	✓	0.56	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.36	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.26	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 42** Location: Flat 42

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.23	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 43** Location: Flat 43

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	29/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	28/16	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.21	---	>200	> 200	500	✓	0.43	27/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	38/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	38/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.90	0.30	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.83	0.30	---	>200	> 200	500	✓	0.44	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.89	0.41	---	>200	> 200	500	✓	0.53	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 43** Location: Flat 43

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.52	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 44** Location: Flat 44

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	38/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	29/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	27/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.92	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.40	---	>200	> 200	500	✓	0.53	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.99	0.24	---	>200	> 200	500	✓	0.38	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.52	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 44** Location: Flat 44

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 45** Location: Flat 45

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.39	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/16	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	38/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.97	0.39	---	>200	> 200	500	✓	0.46	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.29	---	>200	> 200	500	✓	0.36	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 45** Location: Flat 45

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 46** Location: Flat 46

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	38/26	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/16	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.33	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.74	0.74	0.98	0.41	---	>200	> 200	500	✓	0.50	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.91	0.26	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.38	---	>200	> 200	500	✓	0.47	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 46** Location: Flat 46

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 47** Location: Flat 47

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	25/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.40	38/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.41	29/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/12	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.47	38/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.38	---	>200	> 200	500	✓	0.58	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.97	0.36	---	>200	> 200	500	✓	0.41	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.99	0.22	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 47** Location: Flat 47

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 48** Location: Flat 48

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	27/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	27/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	27/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	29/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.40	---	>200	> 200	500	✓	0.52	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.36	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L3 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 48** Location: Flat 48

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.53	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 49** Location: Flat 49

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/22	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	29/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.44	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	29/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.97	0.40	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.67	0.67	0.89	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.28	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L2 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.20 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 49** Location: Flat 49

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.42	---	LIM	> 200	500	✓	1.53	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Switch Room** Location: Switch Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Socket Switch Room	A	C	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.13	---	>200	> 200	500	✓	0.22	18/17	✓	---
2	Socket Switch Room	A	C	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.12	---	>200	> 200	500	✓	0.25	19/18	✓	---
3	Water Boiler Boost	A	C	1	2.5	1.5	0.4	61009	B	20	10	30	2.19	---	---	---	0.25	---	>200	> 200	500	✓	0.37	17/14	✓	---
4	Switch room Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.48	---	LIM	> 200	500	✓	0.59	---	---	---
5	HV switch room Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.57	---	LIM	> 200	500	✓	0.62	---	---	---
6	Water Boost House Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.80	---	LIM	> 200	500	✓	0.87	---	---	---
7	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 9 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 45 A Nominal Voltage: 230 V Zs: 0.15 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Laundry Room** Location: Laundry Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1 L1	Stack 1	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.20	---	> 200	> 200	500	✓	0.35	---	---	---
1 L2	Stack 2	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.22	---	> 200	> 200	500	✓	0.36	---	---	---
1 L3	Stack 3	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.21	---	> 200	> 200	500	✓	0.36	---	---	---
2 L1	Stack 4	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.23	---	> 200	> 200	500	✓	0.34	---	---	---
2 L2	Engineer socket	A	B	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.16	---	> 200	> 200	500	✓	0.30	20/19	✓	---
2 L3	Lights	A	B	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.85	---	LIM	>200	500	✓	1.01	---	---	---
3 L1	Single Washer	A	B	1	2.5	1.5	0.4	60898	B	10	10	---	4.37	---	---	---	0.40	---	> 200	> 200	500	✓	0.55	---	---	---
3 L2	Single Dryer	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.24	---	> 200	> 200	500	✓	0.38	---	---	---
3 L3	Water Heater Top	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.17	---	> 200	> 200	500	✓	0.33	---	---	---
4 L1	Water Heater Bottom	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.15	---	> 200	> 200	500	✓	0.32	---	---	---
4 L2	Panel heater	A	B	1	2.5	1.5	0.4	60898	B	6	10	---	7.28	---	---	---	0.37	---	> 200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 6 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 100 A
Nominal Voltage: 400 V
Zs: 0.16 Ω
Ipf: 1.1 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Laundry Room** Location: Laundry Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
4 L3	Outside supply	F	C	1	10	10	5	60898	B	50	10	---	0.87	---	---	---	0.05	---	> 200	> 200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.40	---	>200	>200	500	✓	0.58	22/19	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.02	---	>200	>200	500	✓	1.20	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.03	---	>200	>200	500	✓	0.20	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	>200	>200	500	✓	1.30	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.12	---	>200	>200	500	✓	0.35	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.08	---	>200	>200	500	✓	1.26	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.38	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.37	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.15	---	>200	>200	500	✓	0.33	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.16	---	>200	>200	500	✓	0.34	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.00	---	>200	>200	500	✓	1.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.42	---	>200	>200	500	✓	0.60	19/17	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.20	---	>200	>200	500	✓	1.35	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.11	---	>200	>200	500	✓	0.27	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.18	---	>200	>200	500	✓	1.35	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.24	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	>200	>200	500	✓	1.35	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.37	---	>200	>200	500	✓	0.59	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.24	---	>200	>200	500	✓	0.39	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	>200	500	✓	0.33	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.18	---	>200	>200	500	✓	0.35	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	>200	>200	500	✓	1.42	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 4 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.15 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3A** Location: BLock 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.50	---	>200	>200	500	✓	0.62	20/19	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.21	---	>200	>200	500	✓	1.32	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.13	---	>200	>200	500	✓	0.27	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.30	---	>200	>200	500	✓	1.43	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.25	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	>200	>200	500	✓	1.30	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.22	---	>200	>200	500	✓	0.39	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.35	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.21	---	>200	>200	500	✓	0.34	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.20	---	>200	>200	500	✓	0.32	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.09	---	>200	>200	500	✓	1.22	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3A** Location: BLock 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	< Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3B** Location: Block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.29	---	>200	>200	500	✓	0.43	19/17	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.30	---	>200	>200	500	✓	1.42	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.11	---	>200	>200	500	✓	0.23	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	>200	>200	500	✓	1.40	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.22	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.10	---	>200	>200	500	✓	1.26	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.40	---	>200	>200	500	✓	0.54	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.23	---	>200	>200	500	✓	0.38	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	>200	500	✓	0.35	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.21	---	>200	>200	500	✓	0.36	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.03	---	>200	>200	500	✓	1.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 6 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3B** Location: Block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1 L3	Front desk Socket	A	100	2	2.5	1.5	0.4	61009	B	20	10	30	2.19	---	---	---	0.43	---	>200	>200	500	✓	0.59	19/17	✓	---
2 L1	Comms Sockets	A	100	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.43	0.43	0.70	0.25	---	>200	>200	500	✓	0.34	20/18	✓	---
2 L2	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.50	---	>200	>200	500	✓	0.69	---	---	---
2 L3	Kitchen and Meeting room sockets	A	100	8	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.46	0.46	0.75	0.30	---	>200	>200	500	✓	0.40	19/17	✓	---
3 L1	Security/Managers Sockets	A	100	7	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.40	0.40	0.68	0.27	---	>200	>200	500	✓	0.38	20/17	✓	---
3 L2	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.46	---	>200	>200	500	✓	0.56	---	---	---
3 L3	Marketing Area Sockets	A	100	6	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.39	0.39	0.60	0.24	---	>200	>200	500	✓	0.33	20/18	✓	---
4 L1	Security Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.10	---	LIM	>200	500	✓	1.19	---	---	---
4 L2	TV Equipment	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.40	---	>200	>200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 3 TP No of phases: 3 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 400 V Zs: 0.17 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s					mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Marketing Area Sockets	A	100	7	2.5	1.0	0.4	61009	C	32	10	30	0.68	0.44	0.44	0.75	0.31	---	>200	>200	500	✓	0.41	20/19	✓	---
5 L1	Comms room Lighting	A	100	3	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.12	---	LIM	>200	500	✓	1.23	---	---	---
5 L2	Staircase Lighting	A	100	11	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.25	---	LIM	>200	500	✓	1.35	---	---	---
5 L3	Marketing Area Lighting	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.00	---	LIM	>200	500	✓	1.08	---	---	---
6 L1	Disabled Toilet Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.01	---	LIM	>200	500	✓	1.11	---	---	---
6 L2	Disabled Toilet Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.35	---	>200	>200	500	✓	0.49	---	---	---
6 L3	Kitchen and Meeting room lights	A	100	8	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	>200	500	✓	1.30	---	---	---
7 L1	Lobby Lights	A	100	11	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.28	---	LIM	>200	500	✓	1.37	---	---	---
7 L2	Data Sockets	A	100	5	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.20	---	>200	>200	500	✓	0.30	---	---	---
7 L3	BT Supply	A	100	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.21	---	>200	>200	500	✓	0.32	---	---	---
8 L1	Data Sockets	A	100	6	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.18	---	>200	>200	500	✓	0.29	---	---	---
8 L2	External Flood Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	LIM	>200	500	✓	1.38	---	---	---
8 L3	Metal Shed	F	C	1	6	6	0.4	61009	C	32	10	30	0.68	---	---	---	0.37	---	>200	>200	500	✓	0.48	22/18	✓	---
9 L1	Fire Alarm Panel	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.49	---	>200	>200	500	✓	0.56	---	---	---
9 L2	CCTV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.56	---	>200	>200	500	✓	0.62	---	---	---
9 L3	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.48	---	>200	>200	500	✓	0.57	20/19	✓	---
10 TP	Access Gate	F	C	1	2.5	2.5	0.4	60898	B	10	10	---	4.37	---	---	---	0.60	---	>200	>200	500	✓	0.73	---	---	---
11 L1	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.42	---	>200	>200	500	✓	0.51	---	---	---
11 L2	Turnstile Supply	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.48	---	>200	>200	500	✓	0.59	---	---	---
11 L3	Street Lighting	A	100	9	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	LIM	>200	500	✓	1.29	---	---	---
12 L1	Air-con	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.53	---	>200	>200	500	✓	0.62	---	---	---
12 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **Main Panel Board** Location: LV room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 TP	Block 1 Staircase A (Supply to DB Block 1A)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.10	---	---	---
2 TP	Block 1 Staircase B (Supply to)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.11	---	---	---
3 TP	Block 2 Staircase B (Supply to DB Block 2B)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.10	---	---	---
4 TP	Block 2 Staircase A (Supply to DB Block 2A)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.11	---	---	---
5 TP	Black 3 Staircase A (Supply to)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.12	---	---	---
6 TP	DB Laundry (Supply to DB Laundry Room)	F	C	1	25	60	5	60947-2	---	100	35	---	0.24	---	---	---	0.10	---	---	> 200	500	✓	0.16	---	---	---
7 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8 TP	Block 3 Staircase B (Supply to DB Block 3B)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.12	---	---	---
9 L1	DB switch room (Supply to DB Switch Room)	B	B	1	16	10	5	60947-2	---	45	35	---	0.61	---	---	---	0.08	---	---	> 200	500	✓	0.15	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Origin
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): N/A
Rating: N/A A
Nominal Voltage: 400 V
Zs: 0.05 Ω
Ipf: 4.8 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **Main Panel Board** Location: LV room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
9 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10 TP	Water Boiler Boost	F	C	1	10	41	5	60947-2	---	63	35	---	0.46	---	---	---	0.10	---	---	> 200	500	✓	0.16	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3A** Location: Block 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 32 (Supply to DB-FLAT 32)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.19	---	---	---
1 L2	Flat 27 (Supply to DB-FLAT 27)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.18	---	---	---
1 L3	Flat 33 (Supply to DB-FLAT 33)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.20	---	---	---
2 L1	Flat 28 (Supply to DB-FLAT 28)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Flat 34 (Supply to DB-FLAT 34)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.18	---	---	---
2 L3	Flat 29 (Supply to DB-FLAT 29)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.17	---	---	---
3 L1	Flat 35 (Supply to DB-FLAT 35)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.18	---	---	---
3 L2	Flat 30 (Supply to DB-FLAT 30)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.08	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 36 (Supply to DB-FLAT 36)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.18	---	---	---
4 L1	Flat 31 (Supply to DB-FLAT 31)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.17	---	---	---
4 L2	Flat 37 (Supply to DB-FLAT 37)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.18	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 5 TP | No of phases: 3 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 200 A | Nominal Voltage: 400 V | Zs: 0.12 Ω | Ipf: 1.9 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3A** Location: Block 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		r1	rn	r2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Landlords Supply (Supply to DB Landlods Block 3A)	F	C	1	10	Armour	5	60947-2	---	32	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.16	---	---	---
5 TP	Lift Supply	F	C	1	6	Armour	5	60947-2	---	32	25	---		---	---	---	0.23	---	>200	>200	500	✓	0.37	---	---	---
6 TP	Smoke Extract Fan	F	C	1	4	Armour	5	60947-2	---	16	25	---		---	---	---	0.22	---	>200	>200	500	✓	0.36	---	---	---
7 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 9 (Supply to DB-FLAT 9)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.17	---	---	---
1 L2	Flat 10 (Supply to DB-FLAT 10)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.18	---	---	---
1 L3	Flat 11 (Supply to DB-FLAT 11)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L1	Flat 12 (Supply to DB-FLAT 12)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
2 L2	Flat 14 (Supply to DB-FLAT 14)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L3	Flat 15 (Supply to DB-FLAT 15)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 L2	Landlords Supply (Supply to DB Landlods Block 2A)	F	C	1	10	10	5	60947-2	---	32	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.16	---	---	---
3 L3	Flat 16 (Supply to DB-FLAT 16)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 4 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.11 Ω
Ipf: 1.9 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 17 (Supply to DB-FLAT 17)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
1 L2	Flat 18 (Supply to DB-FLAT 18)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
1 L3	Flat 19 (Supply to DB-FLAT 19)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.11	---	>200	>200	500	✓	0.20	---	---	---
2 L1	Flat 20 (Supply to DB-FLAT 20)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.11	---	>200	>200	500	✓	0.21	---	---	---
2 L2	Flat 21 (Supply to DB-FLAT 21)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
2 L3	Flat 22 (Supply to DB-FLAT 22)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L1	Flat 23 (Supply to DB-FLAT 23)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L2	Flat t24 (Supply to DB-FLAT 24)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 25 (Supply to DB-FLAT 25)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
4 L1	Flat 26 (Supply to DB-FLAT 26)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.18	---	---	---
4 L2	Landlords Supply (Supply to DB Landlods Block 2B)	F	C	1	10	41	5	60947-2	---	32	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.15	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 3 TP No of phases: 3 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 200 A Nominal Voltage: 400 V Zs: 0.10 Ω Ipf: 2.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, In mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
4 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5 TP	Lift Supply	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.29	---	>200	>200	500	✓	0.38	---	---	---
6 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7 TP	Smoke Extract Fans	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.38	---	>200	>200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3B** Location: DB block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 44 (Supply to DB-FLAT 44)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.20	---	---	---
1 L2	Flat 40 (Supply to DB-FLAT 40)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
1 L3	Flat 39 (Supply to DB-FLAT 39)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.18	---	---	---
2 L1	Flat 38 (Supply to DB-FLAT 38)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Flat 46 (Supply to DB-FLAT 46)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
2 L3	Flat 45 (Supply to DB-FLAT 45)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
3 L1	Flat 47 (Supply to DB-FLAT 47)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L2	Flat 41 (Supply to DB-FLAT 41)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 48 (Supply to DB-FLAT 48)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
4 L1	Flat 42 (Supply to DB-FLAT 42)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
4 L2	Flat 49 (Supply to DB-FLAT 49)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 8 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.12 Ω
Ipf: 1.0 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3B** Location: DB block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Flat 43 (Supply to DB-FLAT 43)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
5 TP	Lift Supply	F	C	1	6	6	5	60947-2	---	32	25	---	0.48	---	---	---	0.27	---	>200	>200	500	✓	0.39	---	---	---
6 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓	---	---	---	---
6 L2	Landlords Supply (Supply to DB Landlods Block 3B)	F	C	1	10	10	5	60947-2	---	32	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.16	---	---	---
6 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓	---	---	---	---
7 TP	Smoke Extract Fan	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.37	---	>200	>200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 1A** Location: Block 1A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 1 (Supply to DB-FLAT 1)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.18	---	---	---
1 L2	Flat 2 (Supply to DB-FLAT 2)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.19	---	---	---
1 L3	Flat 3 (Supply to DB-FLAT 3)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L1	Flat 4 (Supply to DB-FLAT 4)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
2L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 TP	Comms DB (Supply to DB Comms Room)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.07	---	>200	>200	500	✓	0.17	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 1 TP

No of phases: 3

Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 200 A Nominal Voltage: 400 V Zs: 0.10 Ω Ipf: 2.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB BLock 1B** Location: Block 1B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 5 (Supply to DB-FLAT 5)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
1 L2	Flat 6 (Supply to DB-FLAT 6)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.17	---	---	---
1 L3	Flat 7 (Supply to DB-FLAT 7)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.17	---	---	---
2 L1	Flat 8 (Supply to DB-FLAT 8)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 2 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.11 Ω
Ipf: 1.9 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

ELECTRICAL INSTALLATION CONDITION REPORT
GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.

5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.

7. For items classified in Section 7 as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

8. For items classified in Section 7 as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).

10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work . The recommended date by which the next inspection is due is stated in Section 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.

ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Number:	LFL20230206062907

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client:	The Unite Group PLC
Address:	South Quay House, Temple Back, Bristol, BS1 6FL

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

To assess compliance with BS 7671.

Date(s) on which inspection and testing was carried out: 14/09/2022

3 DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Installation Address: Severn Point , Blackwier Terrace, Cardiff, CF10 3EX

Description of premises: Domestic N/A Commercial ✓ Industrial N/A Other: N/A

Estimated age of wiring system: 20 years Evidence of additions/ alterations: Yes if yes, estimated age: 2 years

Installation records available? (Regulation 651.1) No Date of last inspection: 04/09/2017

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

100% of the installation.

Agreed limitations including the reasons (see Regulation 653.2):

No Installation Resistance Testing L-L on Lighting Circuits.

Agreed with: Sam Powell

Operational limitations including the reasons:

None.

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2020.
It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: **SATISFACTORY**

*** An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.**

6 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.
Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.
Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by: 5 Years or change of tenant/owner

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

✓ There are no items adversely affecting electrical safety

or

N/A The following observations and recommendations are made

Item No	Observations	Classification Code
1	Broken Socket in Flat 12	COMPLETE
2	Broken Socket in Flat 17	COMPLETE
3	Broken socket in Flat 22	COMPLETE
4	Broken Socket in Flat 30	COMPLETE
5	Broken Socket in flat 42	COMPLETE
6	No RCD protection to showers throughout site	COMPLETE
7	No RCD protection to Sockets on ground floor	COMPLETE
8	NO RCD protection to Sockets on Top Floor	COMPLETE
9	Some cables not mechanically protected	C3
10	Some switch lines not marked	C3
11	Grommets not used in places	C3
12	Inspection Schedule Item 5.16: Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) is recommended for improvement.	C3
13	Inspection Schedule Item 6.1: Identification of conductors (514.3.1) is recommended for improvement.	C3
14	Inspection Schedule Item 7.1: Identification of conductors (514.3.1) is recommended for improvement.	C3
15	Inspection Schedule Item 7.12.5: For final circuits supplying luminaires within domestic (household) premises (411.3.4) * is recommended for improvement.	C3

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1 **Danger Present** Risk of injury. Immediate remedial action required

C2 **Potentially dangerous** Urgent remedial action required

C3 **Improvement recommended**

FI **Further investigation required without delay**

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	N/A
Improvement recommended for items:	9, 10, 11, 12, 13, 14, 15
Further investigation required for items:	N/A

8 GENERAL CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

General condition fair.

9 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section 4 of this report.

Trading Title:	Ladrillos Facilities Limited		
Address:	Unit 15 Fareham Enterprise Centre Hackett Way Fareham Postcode: PO14 1TH	Registration Number (if applicable):	613275000
		Telephone Number:	01329562200

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name:	Lee Hickley	Position:	Electrician	Signature:		Date:	14/09/2022

Report reviewed and authorised for issue by:

Name:	Lee Scruton	Position:	Qualified Supervisor	Signature:		Date:	14/09/2022

10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

TN-S	N/A
TN-C-S	✓
TNC	N/A
TT	N/A
IT	N/A

Number and Type of Live Conductors

		ac:	✓	dc:	N/A
1-phase (2 wire):	N/A	1-phase (3 wire):	✓	2 pole:	N/A
2-phase (3 wire):	N/A			3 pole:	N/A
3-phase (3 wire):	N/A	3-phase (4 wire):	N/A	Other:	N/A
Other:	N/A				

Confirmation of supply polarity: ✓

Nature of Supply Parameters

Nominal voltage(s):	U: 400 V	Uo:	230 V
Nominal frequency, f:	50 Hz		
Prospective fault current, Ipf:	4.8 kA		
External earth fault loop impedance, Ze:	0.02 Ω		
Number of supplies:	1		

Supply Protective Device

BS(EN):	BS EN 60947-2
Type:	N/A
Rated current:	630 A
Short-circuit capacity:	35 kA

11 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing

Distributor's facility:	✓
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Resistance to Earth:	N/A Ω	Method of measurement:	N/A

Maximum Demand (Load): 630 Amps

Protective measure(s) against electric shock: ADS

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Type BS(EN):	60947-2	Current rating:	630 A	Supply conductors material:	Copper
Number of poles:	4	Fuse/device rating or setting:	630 A	Supply conductors csa:	220x2mm²
		Voltage rating:	400 V		

If RCD main switch:

Rated residual operating current ($I_{\Delta n}$):	N/A mA
Rated time delay:	N/A ms
Measured operating time (at $I_{\Delta n}$):	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material:	Copper	csa:	95 mm²	Connection/ continuity verified:	✓

Main protective bonding conductors

Conductor material:	Copper	csa:	50 mm²	Connection/ continuity verified:	✓

Bonding of extraneous-conductive parts

To water installation pipes:	✓	To gas installation pipes:	✓
To oil installation pipes:	N/A	To lightning protection:	✓
To structural steel:	✓	To other service(s):	N/A

12 INSPECTION SCHEDULE

Item	Description	Comment	Outcome
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)**		
1.1	Service cable	N/A	Pass
1.2	Service head	N/A	Pass
1.3	Earthing arrangements	N/A	Pass
1.4	Meter tails	N/A	Pass
1.5	Metering equipment	N/A	Pass
1.6	Isolator (where present)	N/A	Pass
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	**AUTOMATIC DISCONNECTION OF SUPPLY**		
3.1	**Main earthing/bonding arrangements (411.3; Chap 54):**		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	N/A	Pass
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	Pass
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	Pass
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	Pass
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	Pass
4.0	**OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details should be provided on separate sheets)**		
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	Pass
4.3	Electrical separation (Section 413; 418.3)	N/A	Pass
4.4	Double insulation (Section 412)	N/A	Pass
4.5	Reinforced insulation (Section 412)	N/A	Pass
5.0	**DISTRIBUTION EQUIPMENT**		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	Pass
5.2	Security of fixing (134.1.1)	N/A	Pass
5.3	Condition of insulation of live parts (416.1)	N/A	Pass
5.4	Adequacy/security of barriers (416.2)	N/A	Pass
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	Pass
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	Pass
5.8	Presence and effectiveness of obstacles (417.2)	N/A	Pass
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

13 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	Pass
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	Pass
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	Pass
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	Pass
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	N/A	Pass
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	Pass
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	C3
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	Pass
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	Pass
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	Pass
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	Pass
5.21	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	N/A	Pass
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	Pass
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	Pass
6.0	**DISTRIBUTION CIRCUITS**		
6.1	Identification of conductors (514.3.1)	N/A	C3
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
6.3	Condition of insulation of live parts (416.1)	N/A	Pass
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	Pass
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	N/A	Pass
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	Pass
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

14 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	Pass
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	Pass
6.15	**Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, and in partitions containing metal parts:**		
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	LIM
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	N/A	Pass
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	LIM
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	LIM
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
6.19	Condition of circuit accessories (651.2)	N/A	Pass
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	Pass
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	Pass
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	Pass
6.24	General condition of wiring systems (651.2)	N/A	Pass
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass
7.0	**FINAL CIRCUITS**		
7.1	Identification of conductors (514.3.1)	N/A	C3
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
7.3	Condition of insulation of live parts (416.1)	N/A	Pass
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass
7.11	**Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204):**		
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	LIM
7.11.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)	N/A	LIM

OUTCOMES												
Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

15 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
7.12	**Provision of additional protection by 30mA RCD:**		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	Pass
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	Pass
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	Pass
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	Pass
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	C3
	* Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for additional protection.		
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	Pass
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
7.16	**Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526):**		
7.16.1	Connections under no undue strain (526.6)	N/A	Pass
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	Pass
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	Pass
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	Pass
7.18	Suitability of accessories for external influences (512.2)	N/A	Pass
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	Pass
8.0	**ISOLATION AND SWITCHING**		
8.1	**Isolators (Sections 460; 537):**		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	Pass
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	Pass
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.1.4	Correct operation verified (643.10)	N/A	Pass
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	Pass
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	Pass
8.2	**Switching off for mechanical maintenance (Section 464; 537.3.2):**		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	Pass
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	Pass
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.2.4	Correct operation verified (643.10)	N/A	Pass
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	Pass

OUTCOMES

Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

16 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
8.3	**Emergency switching/stopping (Section 465; 537.3.3):**		
8.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	N/A	Pass
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	Pass
8.3.3	Correct operation verified (643.10)	N/A	Pass
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	Pass
8.4	**Functional switching (Section 463; 537.3.1):**		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	Pass
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	Pass
9.0	**CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)**		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	Pass
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	Pass
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	Pass
9.4	Suitability for the environment and external influences (512.2)	N/A	Pass
9.5	Security of fixing (134.1.1)	N/A	Pass
9.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	N/A	Pass
9.7	**Recessed luminaires (downlighters):**		
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	Pass
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	Pass
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	Pass
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	Pass
10.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**		
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	Pass
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	Pass
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	Pass
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	Pass
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	Pass
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	Pass
11.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	N/A	N/A	N/A

OUTCOMES												
Acceptable condition	**PASS**	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

17 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 1** Location: Flat 1

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	26/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	26/19	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	28/19	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	26/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.10	0.36	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	1.13	0.48	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	1.20	0.31	---	>200	> 200	500	✓	0.42	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.19	---	>200	> 200	500	✓	0.21	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

18 BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

19 DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

20 TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 1** Location: Flat 1

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.23	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 2** Location: Flat 2

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.45	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	29/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.46	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.47	28/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/18	✓	---
8	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/19	✓	---
9	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	27/19	✓	---
10	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/18	✓	---
11	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	29/18	✓	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 2** Location: Flat 2

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		r1	rn	r2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	29/17	✓	---
13	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	28/18	✓	---
14	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	19/18	✓	---
15	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.38	0.38	0.58	0.27	---	>200	> 200	500	✓	0.38	20/18	✓	---
16	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.40	0.40	0.69	0.28	---	>200	> 200	500	✓	0.40	21/17	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.26	0.26	0.47	0.19	---	>200	> 200	500	✓	0.35	22/19	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	61009	B	16	10	---	2.73	---	---	---	0.46	---	>200	> 200	500	✓	0.62	20/18	✓	---
12	Lighting	A	C	17	1.5	1.0	0.4	61009	B	6	10	---	7.28	---	---	---	1.10	---	LIM	> 200	500	✓	1.26	19/17	✓	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 3** Location: Flat 3

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.47	28/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	28,18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.50	29/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.48	22/17	✓	---
7	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	28/19	✓	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.72	0.72	1.22	0.37	---	>200	> 200	500	✓	0.47	27/17	✓	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.58	0.58	0.92	0.38	---	>200	> 200	500	✓	0.47	18/17	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.37	0.37	0.59	0.20	---	>200	> 200	500	✓	0.30	19/18	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.18	---	>200	> 200	500	✓	0.27	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 3** Location: Flat 3

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.08	---	LIM	> 200	500	✓	1.28	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 4** Location: Flat 4

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	27/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	29/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	28/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	27/19	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	29/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.77	0.77	1.25	0.40	---	>200	> 200	500	✓	0.53	19/17	✓	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.53	0.53	0.92	0.32	---	>200	> 200	500	✓	0.44	20/19	✓	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.40	0.40	0.69	0.30	---	>200	> 200	500	✓	0.40	19/17	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.43	---	>200	> 200	500	✓	0.59	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 0.9 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 4** Location: Flat 4

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.24	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 5** Location: Flat 5

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	27/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	28/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.72	0.72	1.23	0.33	---	>200	> 200	500	✓	0.42	26/17	✓	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.57	0.57	0.93	0.30	---	>200	> 200	500	✓	0.41	22/19	✓	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.41	0.41	0.68	0.12	---	>200	> 200	500	✓	0.29	19/17	✓	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	> 200	500	✓	0.38	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L1 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 5** Location: Flat 5

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 6** Location: Flat 6

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.45	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.52	29/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.54	28/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	27/19	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.47	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.74	0.74	1.25	0.40	---	>200	> 200	500	✓	0.51	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.59	0.59	0.98	0.35	---	>200	> 200	500	✓	0.46	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	30	1.37	0.44	0.44	0.68	0.23	---	>200	> 200	500	✓	0.35	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.17	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 6** Location: Flat 6

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 7** Location: Flat 7

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.50	28/20	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.42	---	>200	> 200	500	✓	0.51	29/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	29/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.48	27/17	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.19	---	>200	> 200	500	✓	0.30	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.77	0.77	1.25	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.35	---	>200	> 200	500	✓	0.47	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.39	0.39	0.60	0.25	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 7** Location: Flat 7

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.26	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 8** Location: Flat 8

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.46	27/20	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.47	28//28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.49	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.50	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.24	---	>200	> 200	500	✓	0.38	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.81	0.81	1.30	0.30	---	>200	> 200	500	✓	0.43	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.60	0.60	0.95	0.31	---	>200	> 200	500	✓	0.44	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.41	0.41	0.69	0.20	---	>200	> 200	500	✓	0.34	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.16	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB BLock 1B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 8** Location: Flat 8

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 9** Location: Flat 9

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.50	28/18	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.50	29/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.51	29/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.76	0.76	1.24	0.43	---	>200	> 200	500	✓	0.54	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.55	0.55	0.96	0.34	---	>200	> 200	500	✓	0.45	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.32	0.32	0.50	0.20	---	>200	> 200	500	✓	0.32	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.06	---	>200	> 200	500	✓	0.23	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 10 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 9** Location: Flat 9

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.18	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 10** Location: Flat 10

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.53	38/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.55	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.49	28/18	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.50	29/17	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.39	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.78	0.78	1.28	0.20	---	>200	> 200	500	✓	0.35	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.58	0.58	0.96	0.32	---	>200	> 200	500	✓	0.48	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.33	0.33	0.58	0.26	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.22	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 10** Location: Flat 10

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.15	---	LIM	> 200	500	✓	1.30	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 11** Location: Flat 11

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	38/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.52	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.51	28/19	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.49	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.50	28/18	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.84	0.84	1.38	0.37	---	>200	> 200	500	✓	0.46	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.55	0.55	0.93	0.36	---	>200	> 200	500	✓	0.45	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.36	0.36	0.59	0.27	---	>200	> 200	500	✓	0.35	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.18	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 11** Location: Flat 11

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	LIM	> 200	500	✓	1.32	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 12** Location: Flat 12

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/19	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.53	38/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/40	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.54	28/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.49	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.78	0.78	1.29	0.35	---	>200	> 200	500	✓	0.47	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.53	0.53	0.87	0.27	---	>200	> 200	500	✓	0.42	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.35	0.35	0.58	0.27	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.05	---	>200	> 200	500	✓	0.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 12** Location: Flat 12

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In mA	Ω	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	≥ Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
					mm^2	mm^2	s							r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	> 200	500	✓	1.35	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 14** Location: Flat 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/18	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.48	29/29	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.53	38/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.52	33/27	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.50	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.80	0.80	1.30	0.37	---	>200	> 200	500	✓	0.49	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.38	---	>200	> 200	500	✓	0.52	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.36	0.36	0.59	0.30	---	>200	> 200	500	✓	0.43	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.04	---	>200	> 200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L2 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 14** Location: Flat 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.30	---	LIM	> 200	500	✓	1.43	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 15** Location: Flat 15

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.52	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.59	38/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.48	---	>200	> 200	500	✓	0.58	38/38	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.46	---	>200	> 200	500	✓	0.59	28/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.44	---	>200	> 200	500	✓	0.56	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.42	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.77	0.77	1.23	0.40	---	>200	> 200	500	✓	0.51	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.96	0.32	---	>200	> 200	500	✓	0.43	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.37	0.37	0.60	0.25	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.06	---	>200	> 200	500	✓	0.23	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: N/A kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 15** Location: Flat 15

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.12	---	LIM	> 200	500	✓	1.25	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 16** Location: Flat 16

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.53	28/28	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.42	---	>200	> 200	500	✓	0.56	29/38	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.49	28/28	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.40	---	>200	> 200	500	✓	0.52	28/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.43	---	>200	> 200	500	✓	0.55	38/18	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.47	---	>200	> 200	500	✓	0.54	28/28	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.46	---	>200	> 200	500	✓	0.58	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.74	0.74	1.23	0.30	---	>200	> 200	500	✓	0.44	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.56	0.56	0.92	0.31	---	>200	> 200	500	✓	0.46	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.34	0.34	0.53	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.15	---	>200	> 200	500	✓	0.32	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 0.9 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 16** Location: Flat 16

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s					mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.28	---	LIM	> 200	500	✓	1.33	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 17** Location: Flat 17

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.39	---	>200	> 200	500	✓	0.48	38/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.46	28/19	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	19/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.42	38/26	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10		1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/15	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	1.10	0.30	---	>200	> 200	500	✓	0.41	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.12	0.39	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	1.20	0.20	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.43	---	>200	> 200	500	✓	0.61	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 17** Location: Flat 17

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.32	---	LIM	> 200	500	✓	1.43	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 18** Location: Flat 18

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	31/27	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	38/16	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.47	38/28	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.42	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	27/27	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.62	0.62	1.08	0.31	---	>200	> 200	500	✓	0.42	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.59	0.59	0.99	0.39	---	>200	> 200	500	✓	0.55	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	1.20	0.27	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 18** Location: Flat 18

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 19** Location: Flat 19

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	39/27	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.49	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.46	18/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	1.10	0.33	---	>200	> 200	500	✓	0.49	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	1.08	0.44	---	>200	> 200	500	✓	0.59	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	1.24	0.50	---	>200	> 200	500	✓	0.61	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.40	---	>200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 19** Location: Flat 19

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 20** Location: Flat 20

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.42	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	38/27	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	38/22	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	38/26	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.61	0.61	1.05	0.30	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	1.08	0.33	---	>200	> 200	500	✓	0.48	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.65	0.65	1.10	0.32	---	>200	> 200	500	✓	0.46	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.21 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 20** Location: Flat 20

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 21** Location: Flat 21

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.39	38/26	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/27	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/29	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.67	0.67	0.90	0.33	---	>200	> 200	500	✓	0.45	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.34	---	>200	> 200	500	✓	0.48	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.84	0.38	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 21** Location: Flat 21

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 22** Location: Flat 22

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.23	---	>200	> 200	500	✓	0.39	28/15	✓	---
2 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/17	✓	---
3 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.45	38/38	✓	---
4 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/18	✓	---
5 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
6 L1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	38/38	✓	---
7 L1	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.46	---	---	---
8 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.65	0.91	0.32	---	>200	> 200	500	✓	0.55	---	---	---
9 L1	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.65	0.65	0.89	0.40	---	>200	> 200	500	✓	0.56	---	---	---
10 L1	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.97	0.36	---	>200	> 200	500	✓	0.48	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.44	---	>200	> 200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 22** Location: Flat 22

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 23** Location: Flat 23

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/20	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	38/22	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	28/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.92	0.32	---	>200	> 200	500	✓	0.40	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.30	---	>200	> 200	500	✓	0.33	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.42	---	>200	> 200	500	✓	0.58	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.41	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 23** Location: Flat 23

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 24** Location: Flat 24

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.44	38/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.99	0.31	---	>200	> 200	500	✓	0.41	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.93	0.30	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.90	0.42	---	>200	> 200	500	✓	0.63	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 24** Location: Flat 24

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.49	---	LIM	> 200	500	✓	1.61	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 25** Location: Flat 25

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.40	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	36/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.32	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.30	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.95	0.41	---	>200	> 200	500	✓	0.52	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 25** Location: Flat 25

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 26** Location: Flat 26

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	26/30	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.45	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.46	28/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.45	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.61	0.61	0.95	0.29	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.97	0.31	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.28	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.22	---	>200	> 200	500	✓	0.47	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 26** Location: Flat 26

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 27** Location: Flat 27

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.44	38/38	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.89	0.42	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.83	0.49	---	>200	> 200	500	✓	0.61	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.93	0.34	---	>200	> 200	500	✓	0.44	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 27** Location: Flat 27

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.39	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 28** Location: Flat 28

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	29/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.39	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.43	---	>200	> 200	500	✓	0.65	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.30	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L1 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.19 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 28** Location: Flat 28

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.48	---	LIM	> 200	500	✓	1.63	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 29** Location: Flat 29

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	37/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	38/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	18/36	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.91	0.34	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.95	0.46	---	>200	> 200	500	✓	0.52	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.40	---	>200	> 200	500	✓	0.51	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 29** Location: Flat 29

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.33	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 30** Location: Flat 30

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	38/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/39	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.37	---	>200	> 200	500	✓	0.43	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.48	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.91	0.37	---	>200	> 200	500	✓	0.58	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.46	---	>200	> 200	500	✓	0.42	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.30	---	>200	> 200	500	✓	0.58	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.36	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 30** Location: Flat 30

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.39	---	LIM	> 200	500	✓	1.56	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 31** Location: Flat 31

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	27/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.46	38/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	18/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	29/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.60	0.60	0.89	0.32	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.40	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.93	0.33	---	>200	> 200	500	✓	0.49	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.46	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.17 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 31** Location: Flat 31

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 32** Location: Flat 32

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	29/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	27/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	18/32	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.91	0.43	---	>200	> 200	500	✓	0.51	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.42	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.97	0.40	---	>200	> 200	500	✓	0.53	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.35	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L1 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.19 Ω Ipf: N/A kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 32** Location: Flat 32

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.38	---	LIM	> 200	500	✓	1.44	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 33** Location: Flat 33

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	18/38	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	38/38	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.43	27/20	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	30/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.59	0.59	0.92	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.98	0.40	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.91	0.30	---	>200	> 200	500	✓	0.45	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 33** Location: Flat 33

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.54	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 34** Location: Flat 34

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.41	27/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	44/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.42	37/42	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.45	23/20	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.44	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.44	---	>200	> 200	500	✓	0.50	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.63	0.63	0.86	0.35	---	>200	> 200	500	✓	0.49	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.45	---	>200	> 200	500	✓	0.62	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.30	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 2 L2 No of phases: N/A Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: N/A V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 34** Location: Flat 34

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.53	---	LIM	> 200	500	✓	1.69	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 35** Location: Flat 35

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.38	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.45	18/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.46	36/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	27/32	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.40	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.44	---	>200	> 200	500	✓	0.53	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.34	---	>200	> 200	500	✓	0.44	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 35** Location: Flat 35

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 36** Location: Flat 36

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/27	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.43	20/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.45	18/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	26/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	38/38	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.30	---	>200	> 200	500	✓	0.47	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.95	0.38	---	>200	> 200	500	✓	0.50	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.30	---	>200	> 200	500	✓	0.46	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 3 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 36** Location: Flat 36

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.33	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 37** Location: Flat 37

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.47	38/38	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.46	38/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.48	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.47	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.35	---	>200	> 200	500	✓	0.40	18/17	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.39	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.57	---	>200	> 200	500	✓	0.54	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.30	---	>200	> 200	500	✓	0.42	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L2 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.1 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 37** Location: Flat 37

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.48	---	LIM	> 200	500	✓	1.48	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 38** Location: Flat 38

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	18/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.46	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.49	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.41	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.22	---	>200	> 200	500	✓	0.43	39/27	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.87	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.91	0.40	---	>200	> 200	500	✓	0.57	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.95	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.40	---	>200	> 200	500	✓	0.51	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 38** Location: Flat 38

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 39** Location: Flat 39

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	A	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.40	28/19	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.24	---	>200	> 200	500	✓	0.39	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	33/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.48	38/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.44	18/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.92	0.41	---	>200	> 200	500	✓	0.55	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.33	---	>200	> 200	500	✓	0.42	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.93	0.33	---	>200	> 200	500	✓	0.47	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.41	---	>200	> 200	500	✓	0.52	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.18 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 39** Location: Flat 39

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.31	---	LIM	> 200	500	✓	1.49	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 40** Location: Flat 40

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.43	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.36	---	>200	> 200	500	✓	0.45	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.33	---	>200	> 200	500	✓	0.43	29/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.34	---	>200	> 200	500	✓	0.45	28/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.90	0.45	---	>200	> 200	500	✓	0.52	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.38	---	>200	> 200	500	✓	0.45	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.96	0.31	---	>200	> 200	500	✓	0.54	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.38	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 40** Location: Flat 40

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.22	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 41** Location: Flat 41

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	36/12	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	38/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.41	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	29/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.45	38/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.28	---	>200	> 200	500	✓	0.46	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.98	0.32	---	>200	> 200	500	✓	0.45	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.39	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 41** Location: Flat 41

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.43	---	LIM	> 200	500	✓	1.68	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 42** Location: Flat 42

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/22	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.45	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	38/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	38/27	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	26/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	30	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.30	---	>200	> 200	500	✓	0.42	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.96	0.41	---	>200	> 200	500	✓	0.56	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.36	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.26	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 42** Location: Flat 42

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.23	---	LIM	> 200	500	✓	1.39	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 43** Location: Flat 43

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	29/17	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	28/16	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.21	---	>200	> 200	500	✓	0.43	27/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	38/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	38/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.90	0.30	---	>200	> 200	500	✓	0.54	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.83	0.30	---	>200	> 200	500	✓	0.44	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.89	0.41	---	>200	> 200	500	✓	0.53	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.32	---	>200	> 200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 43** Location: Flat 43

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.52	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 44** Location: Flat 44

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.40	38/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	29/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	27/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.92	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.40	---	>200	> 200	500	✓	0.53	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.99	0.24	---	>200	> 200	500	✓	0.38	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.52	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 1 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 44** Location: Flat 44

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 45** Location: Flat 45

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	28/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	38/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.39	28/19	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.40	28/16	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	38/19	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.40	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.89	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.97	0.39	---	>200	> 200	500	✓	0.46	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.99	0.29	---	>200	> 200	500	✓	0.36	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.19 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 45** Location: Flat 45

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.50	---	LIM	> 200	500	✓	1.62	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 46** Location: Flat 46

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	38/26	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.44	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.42	28/16	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.43	28/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.41	38/38	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	28/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.93	0.33	---	>200	> 200	500	✓	0.46	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.74	0.74	0.98	0.41	---	>200	> 200	500	✓	0.50	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.91	0.26	---	>200	> 200	500	✓	0.39	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.38	---	>200	> 200	500	✓	0.47	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 2 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 46** Location: Flat 46

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.41	---	LIM	> 200	500	✓	1.59	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 47** Location: Flat 47

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.43	25/18	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.45	28/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.26	---	>200	> 200	500	✓	0.40	38/18	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.41	29/18	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	28/12	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.47	38/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.92	0.38	---	>200	> 200	500	✓	0.58	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.97	0.36	---	>200	> 200	500	✓	0.41	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.73	0.73	0.99	0.22	---	>200	> 200	500	✓	0.37	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.33	---	>200	> 200	500	✓	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 230 V Zs: 0.20 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 47** Location: Flat 47

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.51	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 48** Location: Flat 48

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.42	28/28	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.44	27/28	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.32	---	>200	> 200	500	✓	0.43	27/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.41	27/28	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/28	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.44	29/28	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.41	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.71	0.71	0.93	0.32	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.68	0.68	0.89	0.40	---	>200	> 200	500	✓	0.52	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.70	0.70	0.92	0.36	---	>200	> 200	500	✓	0.40	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.34	---	>200	> 200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 3 L3 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.18 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 48** Location: Flat 48

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.40	---	LIM	> 200	500	✓	1.53	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 49** Location: Flat 49

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.31	---	>200	> 200	500	✓	0.41	28/22	✓	---
2	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
3	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.30	---	>200	> 200	500	✓	0.43	29/28	✓	---
4	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.29	---	>200	> 200	500	✓	0.44	38/38	✓	---
5	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.28	---	>200	> 200	500	✓	0.42	28/18	✓	---
6	Shower	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.37	---	---	---	0.27	---	>200	> 200	500	✓	0.41	29/18	✓	---
7	Cooker	A	C	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.25	---	>200	> 200	500	✓	0.42	---	---	---
8	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.69	0.69	0.90	0.33	---	>200	> 200	500	✓	0.48	---	---	---
9	Bedroom sockets	A	C	12	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.72	0.72	0.97	0.40	---	>200	> 200	500	✓	0.60	---	---	---
10	Kitchen Sockets	A	C	5	2.5	1.5	0.4	60898	B	32	10	---	1.37	0.67	0.67	0.89	0.30	---	>200	> 200	500	✓	0.41	---	---	---
11	Water heater	A	C	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.28	---	>200	> 200	500	✓	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 4 L2 | No of phases: 1 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 100 A | Nominal Voltage: 230 V | Zs: 0.20 Ω | Ipf: 1.0 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB-FLAT 49** Location: Flat 49

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Lighting	A	C	17	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.42	---	LIM	> 200	500	✓	1.53	---	---	---
13	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Switch Room** Location: Switch Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Socket Switch Room	A	C	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.13	---	>200	> 200	500	✓	0.22	18/17	✓	---
2	Socket Switch Room	A	C	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.12	---	>200	> 200	500	✓	0.25	19/18	✓	---
3	Water Boiler Boost	A	C	1	2.5	1.5	0.4	61009	B	20	10	30	2.19	---	---	---	0.25	---	>200	> 200	500	✓	0.37	17/14	✓	---
4	Switch room Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.48	---	LIM	> 200	500	✓	0.59	---	---	---
5	HV switch room Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.57	---	LIM	> 200	500	✓	0.62	---	---	---
6	Water Boost House Lighting	A	C	2	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.80	---	LIM	> 200	500	✓	0.87	---	---	---
7	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 9 L1 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 45 A Nominal Voltage: 230 V Zs: 0.15 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Laundry Room** Location: Laundry Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	Test button operation ✓	AFDD Test button operation ✓
1 L1	Stack 1	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.20	---	> 200	> 200	500	✓	0.35	---	---	---
1 L2	Stack 2	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.22	---	> 200	> 200	500	✓	0.36	---	---	---
1 L3	Stack 3	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.21	---	> 200	> 200	500	✓	0.36	---	---	---
2 L1	Stack 4	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.23	---	> 200	> 200	500	✓	0.34	---	---	---
2 L2	Engineer socket	A	B	1	2.5	1.5	0.4	61009	B	16	10	30	2.73	---	---	---	0.16	---	> 200	> 200	500	✓	0.30	20/19	✓	---
2 L3	Lights	A	B	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.85	---	LIM	>200	500	✓	1.01	---	---	---
3 L1	Single Washer	A	B	1	2.5	1.5	0.4	60898	B	10	10	---	4.37	---	---	---	0.40	---	> 200	> 200	500	✓	0.55	---	---	---
3 L2	Single Dryer	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.24	---	> 200	> 200	500	✓	0.38	---	---	---
3 L3	Water Heater Top	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.17	---	> 200	> 200	500	✓	0.33	---	---	---
4 L1	Water Heater Bottom	A	B	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.15	---	> 200	> 200	500	✓	0.32	---	---	---
4 L2	Panel heater	A	B	1	2.5	1.5	0.4	60898	B	6	10	---	7.28	---	---	---	0.37	---	> 200	> 200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 6 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 100 A
Nominal Voltage: 400 V
Zs: 0.16 Ω
Ipf: 1.1 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Laundry Room** Location: Laundry Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
4 L3	Outside supply	F	C	1	10	10	5	60898	B	50	10	---	0.87	---	---	---	0.05	---	> 200	> 200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.40	---	>200	>200	500	✓	0.58	22/19	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.02	---	>200	>200	500	✓	1.20	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.03	---	>200	>200	500	✓	0.20	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	>200	>200	500	✓	1.30	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.12	---	>200	>200	500	✓	0.35	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.08	---	>200	>200	500	✓	1.26	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.38	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.37	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.15	---	>200	>200	500	✓	0.33	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.16	---	>200	>200	500	✓	0.34	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.00	---	>200	>200	500	✓	1.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2A - 3 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.42	---	>200	>200	500	✓	0.60	19/17	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.20	---	>200	>200	500	✓	1.35	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.11	---	>200	>200	500	✓	0.27	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.18	---	>200	>200	500	✓	1.35	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.24	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	>200	>200	500	✓	1.35	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.37	---	>200	>200	500	✓	0.59	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.24	---	>200	>200	500	✓	0.39	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	>200	500	✓	0.33	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.18	---	>200	>200	500	✓	0.35	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	>200	>200	500	✓	1.42	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 2B - 4 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.15 Ω Ipf: 1.2 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3A** Location: BLock 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.50	---	>200	>200	500	✓	0.62	20/19	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.21	---	>200	>200	500	✓	1.32	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.13	---	>200	>200	500	✓	0.27	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.30	---	>200	>200	500	✓	1.43	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.25	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	>200	>200	500	✓	1.30	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.22	---	>200	>200	500	✓	0.39	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.20	---	>200	>200	500	✓	0.35	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.21	---	>200	>200	500	✓	0.34	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.20	---	>200	>200	500	✓	0.32	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.09	---	>200	>200	500	✓	1.22	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3A - 4 L3 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3A** Location: BLock 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	< Test voltage	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3B** Location: Block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.29	---	>200	>200	500	✓	0.43	19/17	✓	---
2	Outside Lighting	A	100	5	1.5	1.0	0.4	60898	B	10	10	---	4.37	---	---	---	1.30	---	>200	>200	500	✓	1.42	---	---	---
3	Outside lighting Control circuit	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.11	---	>200	>200	500	✓	0.23	---	---	---
4	Staircase Lighting	A	100	18	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.27	---	>200	>200	500	✓	1.40	---	---	---
5	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.22	---	>200	>200	500	✓	0.38	---	---	---
6	Flat Lobby Lighting	A	100	15	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.10	---	>200	>200	500	✓	1.26	---	---	---
7	Disabled Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.40	---	>200	>200	500	✓	0.54	---	---	---
8	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.23	---	>200	>200	500	✓	0.38	---	---	---
9	Data Socket	A	100	1	2.5	1.5	0.4	60898	B	16	10	---	2.73	---	---	---	0.20	---	>200	>200	500	✓	0.35	---	---	---
10	TV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.21	---	>200	>200	500	✓	0.36	---	---	---
11	Security Lights	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.03	---	>200	>200	500	✓	1.19	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 3B - 6 L2 No of phases: 1 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 32 A Nominal Voltage: 230 V Zs: 0.16 Ω Ipf: 1.3 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Landlods Block 3B** Location: Block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	A Rating	kA Capacity	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1 L3	Front desk Socket	A	100	2	2.5	1.5	0.4	61009	B	20	10	30	2.19	---	---	---	0.43	---	>200	>200	500	✓	0.59	19/17	✓	---
2 L1	Comms Sockets	A	100	5	2.5	1.5	0.4	61009	B	32	10	30	1.37	0.43	0.43	0.70	0.25	---	>200	>200	500	✓	0.34	20/18	✓	---
2 L2	Door Access	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.50	---	>200	>200	500	✓	0.69	---	---	---
2 L3	Kitchen and Meeting room sockets	A	100	8	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.46	0.46	0.75	0.30	---	>200	>200	500	✓	0.40	19/17	✓	---
3 L1	Security/Managers Sockets	A	100	7	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.40	0.40	0.68	0.27	---	>200	>200	500	✓	0.38	20/17	✓	---
3 L2	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.46	---	>200	>200	500	✓	0.56	---	---	---
3 L3	Marketing Area Sockets	A	100	6	2.5	1.5	0.4	61009	C	32	10	30	0.68	0.39	0.39	0.60	0.24	---	>200	>200	500	✓	0.33	20/18	✓	---
4 L1	Security Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.10	---	LIM	>200	500	✓	1.19	---	---	---
4 L2	TV Equipment	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.40	---	>200	>200	500	✓	0.50	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: DB Block 1A - 3 TP No of phases: 3 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 100 A Nominal Voltage: 400 V Zs: 0.17 Ω Ipf: 1.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	A Rating	kA Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s					mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Marketing Area Sockets	A	100	7	2.5	1.0	0.4	61009	C	32	10	30	0.68	0.44	0.44	0.75	0.31	---	>200	>200	500	✓	0.41	20/19	✓	---
5 L1	Comms room Lighting	A	100	3	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.12	---	LIM	>200	500	✓	1.23	---	---	---
5 L2	Staircase Lighting	A	100	11	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.25	---	LIM	>200	500	✓	1.35	---	---	---
5 L3	Marketing Area Lighting	A	100	5	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.00	---	LIM	>200	500	✓	1.08	---	---	---
6 L1	Disabled Toilet Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.01	---	LIM	>200	500	✓	1.11	---	---	---
6 L2	Disabled Toilet Alarm	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.35	---	>200	>200	500	✓	0.49	---	---	---
6 L3	Kitchen and Meeting room lights	A	100	8	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.20	---	LIM	>200	500	✓	1.30	---	---	---
7 L1	Lobby Lights	A	100	11	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.28	---	LIM	>200	500	✓	1.37	---	---	---
7 L2	Data Sockets	A	100	5	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.20	---	>200	>200	500	✓	0.30	---	---	---
7 L3	BT Supply	A	100	1	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.21	---	>200	>200	500	✓	0.32	---	---	---
8 L1	Data Sockets	A	100	6	6	2.5	0.4	60898	B	32	10	---	1.37	---	---	---	0.18	---	>200	>200	500	✓	0.29	---	---	---
8 L2	External Flood Lights	A	100	6	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.21	---	LIM	>200	500	✓	1.38	---	---	---
8 L3	Metal Shed	F	C	1	6	6	0.4	61009	C	32	10	30	0.68	---	---	---	0.37	---	>200	>200	500	✓	0.48	22/18	✓	---
9 L1	Fire Alarm Panel	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.49	---	>200	>200	500	✓	0.56	---	---	---
9 L2	CCTV Equipment	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.56	---	>200	>200	500	✓	0.62	---	---	---
9 L3	Staircase Sockets	A	100	4	2.5	1.5	0.4	61009	C	20	10	30	1.09	---	---	---	0.48	---	>200	>200	500	✓	0.57	20/19	✓	---
10 TP	Access Gate	F	C	1	2.5	2.5	0.4	60898	B	10	10	---	4.37	---	---	---	0.60	---	>200	>200	500	✓	0.73	---	---	---
11 L1	CCTV Camera	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.42	---	>200	>200	500	✓	0.51	---	---	---
11 L2	Turnstile Supply	A	100	1	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	0.48	---	>200	>200	500	✓	0.59	---	---	---
11 L3	Street Lighting	A	100	9	1.5	1.0	0.4	60898	B	6	10	---	7.28	---	---	---	1.19	---	LIM	>200	500	✓	1.29	---	---	---
12 L1	Air-con	A	100	1	2.5	1.5	0.4	60898	B	20	10	---	2.19	---	---	---	0.53	---	>200	>200	500	✓	0.62	---	---	---
12 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Comms Room** Location: Comms Room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
12 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **Main Panel Board** Location: LV room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 TP	Block 1 Staircase A (Supply to DB Block 1A)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.10	---	---	---
2 TP	Block 1 Staircase B (Supply to)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.11	---	---	---
3 TP	Block 2 Staircase B (Supply to DB Block 2B)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.10	---	---	---
4 TP	Block 2 Staircase A (Supply to DB Block 2A)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.05	---	---	> 200	500	✓	0.11	---	---	---
5 TP	Black 3 Staircase A (Supply to)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.12	---	---	---
6 TP	DB Laundry (Supply to DB Laundry Room)	F	C	1	25	60	5	60947-2	---	100	35	---	0.24	---	---	---	0.10	---	---	> 200	500	✓	0.16	---	---	---
7 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8 TP	Block 3 Staircase B (Supply to DB Block 3B)	F	C	1	95	122	5	60947-2	---	200	35	---	0.19	---	---	---	0.06	---	---	> 200	500	✓	0.12	---	---	---
9 L1	DB switch room (Supply to DB Switch Room)	B	B	1	16	10	5	60947-2	---	45	35	---	0.61	---	---	---	0.08	---	---	> 200	500	✓	0.15	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Origin
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): N/A
Rating: N/A A
Nominal Voltage: 400 V
Zs: 0.05 Ω
Ipf: 4.8 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **Main Panel Board** Location: LV room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	A Rating	kA Capacity	mA Operating current, In	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	MΩ Live - Live	MΩ Live - Earth	V Test voltage	✓	Ω	ms Disconnection time	✓ Test button operation	✓ Test button operation
9 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10 TP	Water Boiler Boost	F	C	1	10	41	5	60947-2	---	63	35	---	0.46	---	---	---	0.10	---	---	> 200	500	✓	0.16	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3A** Location: Block 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 32 (Supply to DB-FLAT 32)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.19	---	---	---
1 L2	Flat 27 (Supply to DB-FLAT 27)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.18	---	---	---
1 L3	Flat 33 (Supply to DB-FLAT 33)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.20	---	---	---
2 L1	Flat 28 (Supply to DB-FLAT 28)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Flat 34 (Supply to DB-FLAT 34)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.18	---	---	---
2 L3	Flat 29 (Supply to DB-FLAT 29)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.17	---	---	---
3 L1	Flat 35 (Supply to DB-FLAT 35)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.18	---	---	---
3 L2	Flat 30 (Supply to DB-FLAT 30)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.08	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 36 (Supply to DB-FLAT 36)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.18	---	---	---
4 L1	Flat 31 (Supply to DB-FLAT 31)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.17	---	---	---
4 L2	Flat 37 (Supply to DB-FLAT 37)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.18	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 5 TP | No of phases: 3 | Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 | Rating: 200 A | Nominal Voltage: 400 V | Zs: 0.12 Ω | Ipf: 1.9 kA

RCD BS(EN): N/A | No of poles: N/A | Rating: N/A mA | Disconnection time at $I_{\Delta n}$: N/A ms | Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 | Insulation resistance: --- | Continuity: ---

Earth electrode resistance: --- | Earth fault loop impedance: --- | RCD: ---

TESTED BY

Name: Lee Hickley | Position: Electrician | Signature: | Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3A** Location: Block 3A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		r1	rn	r2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Landlords Supply (Supply to DB Landlods Block 3A)	F	C	1	10	Armour	5	60947-2	---	32	25	---		---	---	---	0.04	---	>200	>200	500	✓	0.16	---	---	---
5 TP	Lift Supply	F	C	1	6	Armour	5	60947-2	---	32	25	---		---	---	---	0.23	---	>200	>200	500	✓	0.37	---	---	---
6 TP	Smoke Extract Fan	F	C	1	4	Armour	5	60947-2	---	16	25	---		---	---	---	0.22	---	>200	>200	500	✓	0.36	---	---	---
7 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2A** Location: Block 2A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 9 (Supply to DB-FLAT 9)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.17	---	---	---
1 L2	Flat 10 (Supply to DB-FLAT 10)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.07	---	>200	>200	500	✓	0.18	---	---	---
1 L3	Flat 11 (Supply to DB-FLAT 11)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L1	Flat 12 (Supply to DB-FLAT 12)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
2 L2	Flat 14 (Supply to DB-FLAT 14)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L3	Flat 15 (Supply to DB-FLAT 15)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 L2	Landlords Supply (Supply to DB Landlods Block 2A)	F	C	1	10	10	5	60947-2	---	32	25	---		---	---	---	0.06	---	>200	>200	500	✓	0.16	---	---	---
3 L3	Flat 16 (Supply to DB-FLAT 16)	F	C	1	25	Armour	5	60947-2	---	100	25	---		---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 4 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.11 Ω
Ipf: 1.9 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 17 (Supply to DB-FLAT 17)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
1 L2	Flat 18 (Supply to DB-FLAT 18)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
1 L3	Flat 19 (Supply to DB-FLAT 19)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.11	---	>200	>200	500	✓	0.20	---	---	---
2 L1	Flat 20 (Supply to DB-FLAT 20)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.11	---	>200	>200	500	✓	0.21	---	---	---
2 L2	Flat 21 (Supply to DB-FLAT 21)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
2 L3	Flat 22 (Supply to DB-FLAT 22)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L1	Flat 23 (Supply to DB-FLAT 23)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L2	Flat t24 (Supply to DB-FLAT 24)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 25 (Supply to DB-FLAT 25)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
4 L1	Flat 26 (Supply to DB-FLAT 26)	F	C	1	25	60	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.18	---	---	---
4 L2	Landlords Supply (Supply to DB Landlods Block 2B)	F	C	1	10	41	5	60947-2	---	32	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.15	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 3 TP No of phases: 3 Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 200 A Nominal Voltage: 400 V Zs: 0.10 Ω Ipf: 2.1 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 2B** Location: Block 2B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm^2	cpc mm^2	s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, In mA	Ω	r1 (Line)	rn (Neutral)	r2 (cpc)	R_1+R_2	R_2	Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓	Ω	Disconnection time ms	Test button operation ✓	Test button operation ✓
4 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5 TP	Lift Supply	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.29	---	>200	>200	500	✓	0.38	---	---	---
6 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7 TP	Smoke Extract Fans	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.38	---	>200	>200	500	✓	0.48	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3B** Location: DB block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 44 (Supply to DB-FLAT 44)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.20	---	---	---
1 L2	Flat 40 (Supply to DB-FLAT 40)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
1 L3	Flat 39 (Supply to DB-FLAT 39)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.18	---	---	---
2 L1	Flat 38 (Supply to DB-FLAT 38)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Flat 46 (Supply to DB-FLAT 46)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
2 L3	Flat 45 (Supply to DB-FLAT 45)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
3 L1	Flat 47 (Supply to DB-FLAT 47)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
3 L2	Flat 41 (Supply to DB-FLAT 41)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
3 L3	Flat 48 (Supply to DB-FLAT 48)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
4 L1	Flat 42 (Supply to DB-FLAT 42)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
4 L2	Flat 49 (Supply to DB-FLAT 49)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 8 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.12 Ω
Ipf: 1.0 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 3B** Location: DB block 3B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z_s	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✓	Ω	ms	✓	✓
4 L3	Flat 43 (Supply to DB-FLAT 43)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
5 TP	Lift Supply	F	C	1	6	6	5	60947-2	---	32	25	---	0.48	---	---	---	0.27	---	>200	>200	500	✓	0.39	---	---	---
6 L1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓	---	---	---	---
6 L2	Landlords Supply (Supply to DB Landlods Block 3B)	F	C	1	10	10	5	60947-2	---	32	25	---		---	---	---	0.05	---	>200	>200	500	✓	0.16	---	---	---
6 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓	---	---	---	---
7 TP	Smoke Extract Fan	F	C	1	6	6	5	60947-2	---	32	25	---		---	---	---	0.37	---	>200	>200	500	✓	0.44	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB Block 1A** Location: Block 1A

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	✓ Polarity	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 1 (Supply to DB-FLAT 1)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.18	---	---	---
1 L2	Flat 2 (Supply to DB-FLAT 2)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.19	---	---	---
1 L3	Flat 3 (Supply to DB-FLAT 3)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.19	---	---	---
2 L1	Flat 4 (Supply to DB-FLAT 4)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.20	---	---	---
2L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 TP	Comms DB (Supply to DB Comms Room)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.07	---	>200	>200	500	✓	0.17	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 1 TP

No of phases: 3

Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 Rating: 200 A Nominal Voltage: 400 V Zs: 0.10 Ω Ipf: 2.0 kA

RCD BS(EN): N/A No of poles: N/A Rating: N/A mA Disconnection time at $I_{\Delta n}$: N/A ms Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Lee Hickley Position: Electrician Signature: Date: 14/09/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **DB BLock 1B** Location: Block 1B

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, In mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✓	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
1 L1	Flat 5 (Supply to DB-FLAT 5)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.09	---	>200	>200	500	✓	0.18	---	---	---
1 L2	Flat 6 (Supply to DB-FLAT 6)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.17	---	---	---
1 L3	Flat 7 (Supply to DB-FLAT 7)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.08	---	>200	>200	500	✓	0.17	---	---	---
2 L1	Flat 8 (Supply to DB-FLAT 8)	F	C	1	25	Armour	5	60947-2	---	100	25	---	0.28	---	---	---	0.10	---	>200	>200	500	✓	0.19	---	---	---
2 L2	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2 L3	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4 TP	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from: Main Panel Board - 2 TP
No of phases: 3
Confirmation of supply polarity: ✓

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2
Rating: 200 A
Nominal Voltage: 400 V
Zs: 0.11 Ω
Ipf: 1.9 kA

RCD BS(EN): N/A
No of poles: N/A
Rating: N/A mA
Disconnection time at $I_{\Delta n}$: N/A ms
Disconnection time at $5I_{\Delta n}$: N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional: 9576045
Insulation resistance: ---
Continuity: ---
Earth electrode resistance: ---
Earth fault loop impedance: ---
RCD: ---

TESTED BY

Name: Lee Hickley
Position: Electrician
Signature:
Date: 14/09/2022

ELECTRICAL INSTALLATION CONDITION REPORT
GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.

5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.

7. For items classified in Section 7 as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

8. For items classified in Section 7 as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).

10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work . The recommended date by which the next inspection is due is stated in Section 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.