



CONTROL EQUIPMENT & ACCESSORIES

- Plug-In Relays & Relay Bases
- Relays, Bases & Timers
- Pushbutton Stations
- Key Switches
- Isolator Switches
- Contactor Blocks
- Selector Switches
- Pushbutton Switches
- Indicator Lamps
- DIN Rail & Terminals
- Multipole Connectors & Inserts
- Marker Tags
- Panel Transformers
- Connectors & Accessories
- Limit Switches

UK
CA CE

INTRODUCTION

Established for over 30 years MCG offer a range of products including Switchgear.

The Switchgear product range has been specifically designed to meet the demanding needs of today's panel builders and engineers whose requirements can range from a simple DIN rail terminal through to a complete panel solution. MCG products allow panel builders globally

to deliver significant advances through greater efficiency, reliability and performance, thereby increasing their competitive advantage and delivering the optimum panel solution.

MCG Control & Switchgear products deliver innovation and efficiency hand-in-hand with reliability and longevity.

CONTENTS



FINDER PLUG-IN RELAYS

Relay Bases IP20	03
Sub-Miniature Plug-In Relays	03

PLUG-IN RELAYS & RELAY BASES

Miniature Changeover Plug-In Relays	04
MCG Relay Bases	04
MCG Changeover Plug-In Relays	04
MCG Changeover Plug-In Relays	04
Finder Changeover Plug-In Relays	05
Finder Plug-In Miniature Relay Base	05
Finder Changeover Plug-In Relays	05
MCG Miniature Changeover Plug-In Relays	05

RELAYS, BASES & TIMERS

Crompton 14 Pin / 4 Pole Changeover Miniature Plug-In Relay with Base	06
MCG 400V 3 Phase Under/Over Voltage Monitoring Relay	06
MCG 16A 7 Day / 24 Hour Time Switch	06
Finder 1 Pole AC/CD Relay Interface Module (Flare Relay)	06
Finder 1 Pole DC Relay Interface Module (Flare Relay)	06
Finder 8A Multifunction Timer	06

FINDER TIMERS

10 Day Modular Multi-Voltage Timers	07
7A 85 Series Miniature Changeover Plug-In Multifunction Timer	07

PUSHBUTTON STATIONS

Crompton Empty Pushbutton Stations IP65	07
MCG Empty Pushbutton Stations IP65	07
Made Up Momentary Start Pushbutton Stations IP65	08
MCG 1 Way Stop Push-button Station IP65	08

MCG KEY SWITCHES & PUSHBUTTON STATIONS

Made Up Key Pushbutton Stations IP65	08
Made Up Momentary Up/Down Pushbutton Stations IP65	08
Made Up Lock-In Pushbutton Stations IP65	09
Made Up Emergency Stop Key Release Push-button Station IP65	09
10A Standard Pushbutton Switches IP40	09
Made Up Pushbutton Stations IP65	09
Made Up Momentary Start / Stop Pushbutton Stations IP65	09
Made Up Momentary Start / Stop Twist Release Pushbutton Stations IP65	09

MCG PUSHBUTTON STATIONS

Insulated Plastic Foot Switch IP65	10
Blank Legend Plate for Pushbuttons	10
Emergency Stop Switches	10
Momentary Mushroom Head Emergency Stop Switches IP65	10

SALZER ISOLATOR SWITCHES

20A Front Mounted Cam Switches IP66	11
Reversing Switches IP65	11

MCG KEY SWITCHES & ACCESSORIES

Roller Shutter Door Key Switches IP54	11
Enclosure to suit 16A & 32A Roller Shutter	11

CONTACT BLOCKS, KEY SWITCHES & SELECTOR SWITCHES

MCG Base Mounting Contact Blocks	12
MCG Normally Open Contact Block IP20	12
Crompton 10A Contact Blocks	12
MCG Base Mounting Contact Blocks	12

KEY SWITCHES & SELECTOR SWITCHES

MCG 10A Emergency Stop Pushbutton IP65	13
Crompton Emergency Stop Pushbutton IP65	13
Crompton Pushbutton IP65 - Head only	13
MCG 10A Emergency Stop Pushbuttons IP65	13
MCG 10A Key & Rotary Switches IP65	14
MCG Mounting Coupler	14
Crompton Mounting Coupler	14
Crompton 10A Key & Rotary Switches IP65	14
Crompton 10A Key & Rotary Switches IP65 - Head only	14

PUSHBUTTON SWITCHES

MCG 10A Standard Pushbutton Switches IP65	15
Crompton Standard Pushbuttons IP65	15
MCG Flush Momentary Pushbutton Head IP65	15
Crompton Pushbutton Heads Only IP65	15
MCG Illuminated Pushbuttons IP65	16
MCG 0.66W LED BA9s Lamps	16

INDICATOR LAMPS

MCG Panel Mount LED Indicators IP65	16
Crompton Indicator Light Assemblies LED IP65	16

WIELAND DIN RAIL & TERMINALS

DIN Rail / G-Type	17
Jumper Bars	17
DIN Rail Terminals	17

WIELAND TERMINALS

Miniature Terminals	18
Terminal Blocks	18
Universal End Stop	18
Stop Ends	18
End Plates & Partitions	18

WIELAND MULTIPOLE CONNECTORS & INSERTS

Multipole Connectors	19
----------------------------	----

WIELAND MARKER TAGS

Marking Tags	19-20
--------------------	-------

MCG PANEL TRANSFORMERS

230/400V Multiple Output Transformers	20
---	----

CROMPTON CONTACTORS & ACCESSORIES

Enclosed Contactors	20
---------------------------	----

MODULAR CONTACTORS

MCG Modular Contactors	21
Crompton Modular Contactors	21

LIMIT SWITCHES

Metal Limit Switches IP66	22
Plastic Limit Switches IP65	22

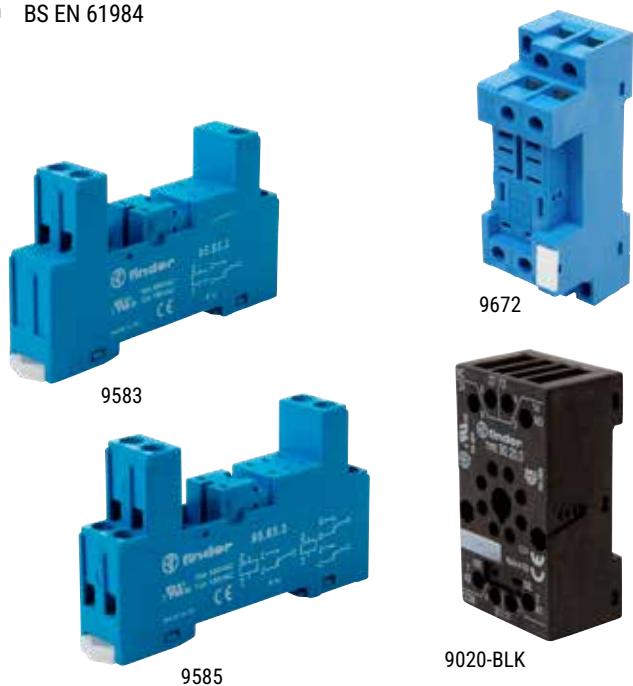


PLUG-IN RELAYS

Relay Bases IP20

Features:

- Mounted: Panel or 35 mm DIN rail [BS EN 60715]
- Supplied with metal retaining clip
- Operating temperature: -40 to 70°C
- BS EN 61984



Code	Ref No.	No. of Pins	Base For	Dimensions (mm)		
				W	H	D
Series 40						
0013-4179	9583	5	4031	15.5	81.9	46.8
0035-1130	9585	8	4052	15.5	81.9	46.8
0013-4182	9672	8	5632	15.5	81.9	46.8
Series 60						
2786-1835	9020SMA	8	6012	38	67	25.5
2786-1838	9021SMA	11	6013	38	67	25.5

Sub-Miniature Plug-In Relays



Features:

- Panel or 35mm DIN rail (EN 60715) mount
- Supplied with metal retaining clip



Code	Ref No.	Coil Voltage	No. of Pins	Current Rating	Dimensions (mm)		
					W	H	D
Series 40 – Single Pole							
0035-0959	4031-7012	12V DC	5	10A	12.4	29	25
0013-3510	4031-8024	24V AC	5	10A	12.4	29	25
0035-0962	4031-7024	24V DC	5	10A	12.4	29	25
0023-2336	4031-8230	230V AC	5	10A	12.4	29	25
0035-0983	4061-7012	12V DC	8	16A	12.4	29	25
0035-0989	4061-8024	24V AC	8	16A	12.4	29	25
0035-0986	4061-7024	24V DC	8	16A	12.4	29	25
0035-0995	4061-8230	230V AC	8	16A	12.4	29	25
Series 40 – 2 Pole							
0035-0968	4052-7012	12V DC	8	8A	12.4	29	25
0035-0974	4052-8024	24V AC	8	8A	12.4	29	25
0035-0971	4052-7024	24V AC	8	8A	12.4	29	25
0035-0977	4052-8110	110V AC	8	8A	12.4	29	25
0035-0980	4052-8230	230V AC	8	8A	12.4	29	25



PLUG-IN RELAYS & RELAY BASES

Miniature Changeover Plug-In Relays

Features:

- Lockable test button
- Integral LED indicator or mechanical flag [see table]
- BS EN 61810-1

Series 55 or 56 base required for 35 mm DIN rail mounting [BS EN 60715] sold separately:

- 8 Pin [0013-4182] 9672
- 14 Pin [0248-4838] 9474



5632-8230-0054

Code	Ref No.	Coil Voltage	No. of Pins	LED	Current Rating
Series 56 - 2 Pole					
0013-3858	5632-9012-0094	12V DC	8	Yes	12A
0013-3849	5632-8024-0054	24V AC	8	Yes	12A
0013-3861	5632-9024-0094	24V DC	8	Yes	12A
0013-3852	5632-8110-0054	110V AC	8	Yes	12A
0013-3855	5632-8230-0054	230V AC	8	Yes	12A
Series 55 - 4 Pole					
0013-3789	5534-8012-0054	12V AC	14	Yes	7A
0013-3807	5534-9012-0094	12V DC	14	Yes	7A
0013-3792	5534-8024-0040	24V AC	14	No	7A
0013-3795	5534-8024-0054	24V AC	14	No	7A
0013-3810	5534-9024-0094	24V DC	14	Yes	7A
0013-3798	5534-8110-0040	110V AC	14	No	7A
0013-3801	5534-8110-0054	110V AC	14	Yes	7A
0013-3804	5534-8230-0054	230V AC	14	No	7A

Relay Bases

Features:

- DIN rail mount socket
- Operating temperature: -40 to 70°C
- IP20
- Approvals UL and CE



10-2Z-C3



10-3Z-C3



18-4Z-C7

Code	Ref No.	No. of Pins	To Fit	Current Rating
JQX10 Series				
0217-7308	10-2Z-C3	8	JQX	10A
0217-7311	10-3Z-C3	11	JQX	10A
JZX18 Series				
1829-8501	18-4Z-C7	14	JZX	10A

Changeover Plug-In Relays

Features:

- High electrical endurance
- Lockable push-to-test button, flag indicator and built-in LED as standard
- Industry standard round plug-in terminals
- RoHS Compliant
- BS EN 61810-1



JQX10-A012-2

Relay bases sold separately:

- 8 Pin [0217-7308] 10-2Z-C3

Code	Ref No.	No. of Pins	Current Rating
JQX10 Series - 2 Pole			
0217-7350	JQX10-A012-2	8	10A
0217-7338	JQX10-012-2	8	10A
0217-7356	JQX10-A024-2	8	10A
0217-7344	JQX10-024-2	8	10A
0217-7362	JQX10-A120-2	8	10A
0217-7368	JQX10-A240-2	8	10A

Changeover Plug-In Relays

Features:

- High electrical endurance
- Lockable push-to-test button, flag indicator and built-in LED as standard
- Industry standard round plug-in terminals
- RoHS Compliant
- BS EN 61810-1



JQX10-012-3

Relay bases sold separately:

- 11 Pin [0217-7311] 10-3Z-C3

Code	Ref No.	Coil Voltage	No. of Pins	Current Rating
JQX10 Series - 3 Pole				
0217-7341	JQX10-012-3	12V DC	11	10A
0217-7359	JQX10-A024-3	24V AC	11	10A
0217-7347	JQX10-024-3	24V DC	11	10A
0217-7365	JQX10-A120-3	110V AC	11	10A
0217-7371	JQX10-A240-3	240V AC	11	10A

PLUG-IN RELAYS & RELAY BASES

Changeover Plug-In Relays

Features:

- General purpose relay
- Lockable test button and mechanical flag indicator
- BS EN 61810-1
- Series 60 base required for 35 mm DIN rail mounting [BS EN 60715] sold separately 8 Pin [0013-4161] 9020-BLK



6012-8012-0040

Code	Ref No.	No. of Pins	Current Rating
Series 60 – 2 Pole			
0013-3894	6012-8012-0040	8	10A
0013-3906	6012-9012-0040	8	10A
0013-3897	6012-8024-0040	8	10A
0013-3909	6012-9024-0040	8	10A
0013-3912	6012-9048-0040	8	10A
0013-3900	6012-8110-0040	8	10A
0013-3903	6012-8230-0040	8	10A

Plug-In Miniature Relay Base

Features:

- Socket for relay type 5534 (Series 55)
- Compatible with plug-in timers type 8504 (Series 85)
- Panel or 35mm DIN rail (EN 60715) mount
- Supplied with metal retaining clip



Code	Ref No.	No. of Pins	Current Rating
Series 85 – 4 Pole			
0248-4838	9474	14	10A

Changeover Plug-In Relays

Features:

- General purpose relay
- Lockable test button and mechanical flag indicator
- BS EN 61810-1
- Series 60 base required for 35 mm DIN rail mounting [BS EN 60715] sold separately 11 Pin [0013-4164] 9021-BLK



6013-8012-0040

Code	Ref No.	Coil Voltage	No. of Pins	Current Rating
Series 60 – 3 Pole				
0013-3918	6013-8012-0040	12V AC 10A 3P	11	10A
0013-3933	6013-9012-0040	12V DC 10A 3P	11	10A
0013-3921	6013-8024-0040	24V AC 10A 3P	11	10A
0013-3936	6013-9024-0040	24V DC 10A 3P	11	10A
0013-3924	6013-8048-0040	48V AC 10A 3P	11	10A
0013-3930	6013-8230-0040	230V AC 10A 3P	11	10A

Miniature Changeover Plug-In Relays

Features:

- High electrical endurance
- Lockable push-to-test button, flag indicator and built-in LED as standard
- RoHS Compliant
- Approvals: UL / CUR, TUV and CQC



JZX18-012-4

Relay base sold separately: [1829-8501]

Code	Ref No.	Coil Voltage	No. of Pins	Current Rating
JZX18 Series – 4 Pole				
0481-5157	JZX18-012-4	12V DC	14	5A
0481-5163	JZX18-A024-4	24V AC	14	5A
0481-5160	JZX18-024-4	24V DC	14	5A
0481-5166	JZX18-A120-4	110V AC	14	5A
0481-5169	JZX18-A240-4	240V AC	14	5A



RELAYS, BASES & TIMERS

14 Pin / 4 Pole Changeover Miniature Plug-In Relay with Base


Features:

- 5A switching capacity
- 1.5kV dielectric strength between coil and contact
- 4 pole changeover contacts
- Contact material silver alloy
- RoHS compliant
- With lockable push to test button, flag indicator and built-in LED as standard
- Dust protected
- Approvals UL/CUR, TUV and CQC
- DIN Rail mounted socket included



CC14MR BASE 24VDCBP

Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
4 Pole					
2235-9478	CC14MR BASE 24VACBP	14 Pin 24V AC 5A 4P	30.3	63	60
2235-9481	CC14MR BASE 24VDCBP	14 Pin 24V DC 5A 4P	30.3	63	60
2235-9475	CC14MR BASE 230VACBP	14 Pin 240V AC 5A 4P	30.3	63	60

400V 3 Phase Under / Over Voltage Monitoring Relay


Features:

- Supplied from monitored voltage
- Supplied from all 3 phases
- Monitors voltage in 3 phase set of voltage
- Upper and bottom voltage levels adjustable [output relay breaks]
- Adjustable time delay
- Red LED indication of fault
- Output contact: 1 x Changeover 8A/250V AC1
- Clamp terminals
- Mounted: DIN rail



SVR400-3

Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
0433-2031	SVR400-3	400V 3 Phase	17.5	90	64

16A 7 Day / 24 Hour Time Switch


Features:

- Ideal for controlling heating, lighting and security applications
- 6 On / Off programmes per day
- Manual override
- Min. Switching time: 1 min
- Battery backup: 100 hrs
- Volt free contact
- Load rating: 16A [2A inductive]
- Mounted: DIN rail
- BS EN 60730-1



Code	Ref No.	No. of Channels
2292-7510	MCGT80C	1

1 Pole AC/DC Relay Interface Module (Flare Relay)


Features:

- 1 pole electromechanical relay
- 35mm DIN rail (EN 60715) mounting
- Screw terminal
- AgNi contact material
- Ideal interface for PLC and electronic systems
- Integral coil indication and protection circuit
- Instant ejection of relay using plastic retaining clip



3851-0012-0060

Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
1 Pole					
0048-8419	3851-0012-0060	6A 1P 12V AC DC	6.2	87.9	75.6
0048-8422	3851-0024-0060	6A 1P 24V AC DC	6.2	87.9	75.6

1 Pole DC Relay Interface Module (Flare Relay)


Features:

- 1 pole electromechanical relay
- 35mm DIN rail (EN 60715) mounting
- Screw terminal
- AgNi contact material
- Ideal interface for PLC and electronic systems
- Integral coil indication and protection circuit
- Instant ejection of relay using plastic retaining clip



3851-7012-0050

Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
1 Pole					
0048-8440	3851-7012-0050	6A 1P 12V	6.2	87.9	75.6
0048-8443	3851-7024-0050	6A 1P 24V DC	6.2	87.9	75.6

8A Multifunction Timer


Features:

- For the control of various electrical appliances
- Time setting via easily accessible switching on the front of the module
- 7 Output modes including: On-delay, off-delay, interval and single shot
- 7 Time ranges: 1 sec - 100 hrs
- Contact configuration: 1 CO
- Status indication: LED
- Mounted: DIN rail
- BS EN 61812-1



Code	Ref No.	Voltage Range
0968-4421	STM10	24 - 240V AC and 12 - 240V DC

TIMERS

10 Day Modular Multi-Voltage Timers

Features:

- For the control of various electrical appliances
- Time setting via easily accessible switching on the front of the module
- Contact configuration: 1 CO [SPDT]
- Mounted: DIN rail
- BS EN 61812-1



1853-1388

Code	Ref No.	Timer	Voltage
2215-9657	8011-0240	On-Delay	24 - 240V AC / DC
1853-1388	8101-230	Multifunction	12 - 230V AC / DC

7A 85 Series Miniature Changeover Plug-In Multifunction Timer

Features:

- 4 Pole plug-in timer
- Multifunction: On-delay, on pulse, fixed pulse and symmetrical recycling [on start]
- 7 Time ranges: 0.05 secs - 100 hrs
- Series 94 socket required for 35 mm DIN rail mounting – sold separately [0248-4838]
- BS EN 61000-4



Code	Ref No.	No. of Pins	Contact Configuration	Voltage
0141-7597	8504-0012	14	4 CO (4PDT)	12V AC / DC

PUSHBUTTON STATIONS

Empty Pushbutton Stations IP65

Features:

- Accepts 22.5 mm[Ø] pushbuttons, selector switches and key operated switches
- Not for use with illuminated pushbuttons
- Numerous cable entries
- Mounted: Surface
- IP65 [when assembled]
- BS EN 60947-5-1



PB050CBP



PB046CBP



PB052CBP

Code	Ref No.	No. of Holes	Colour	Dimensions (mm)		
				W	H	D
Plastic						
1736-8843	PB050CBP	1	Grey	74	68	51
1736-8840	PB046CBP	1	Yellow	68	74	51
1736-8846	PB051CBP	2	Grey	68	104	51
1736-8849	PB052CBP	3	Grey	68	134	51
1736-8852	PB053CBP	4	Grey	68	164	51

Empty Pushbutton Stations IP65

Features:

- Numerous cable entries
- Accepts 22.5 mm pushbuttons and indicators
- Not suitable for illuminated pushbuttons
- Plus L = complete with labels
- Mounted: Surface
- IP65 [when assembled]
- BS EN 60947-5-1



PB051/Y



PF3S+L

Code	Ref No.	No. of Holes	Dimensions (mm)			
			Colour	W	H	D
Plastic						
0013-6951	PBS1	1	Grey	72	72	56
0108-0976	PBS1+L	1	Grey	68	74	51
0048-9184	PBS1/Y	1	Yellow	72	72	56
0013-6984	PBS2	2	Grey	72	117	56
0013-7005	PBS3	3	Grey	72	151	56
Die-Cast Aluminium						
0108-0988	PF1S+L	1	Grey	68	74	51
1424-6749	PF1S PS	1	Yellow	72	72	57
0108-0991	PF2S+L	2	Grey	68	104	51
1424-6752	PF2S PS	2	Yellow	72	112	57
0108-0994	PF3S+L	3	Grey	68	134	51
1424-6755	PF3S PS	3	Yellow	72	142	57

PUSHBUTTON STATIONS

Made Up Momentary Start Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1



PBS1 S

Code	Ref No.	Contact Configuration	Operation	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6975	PBS1 S	1 NO	Momentary Start	Grey	68	68	51
Metal							
0013-6978	PBS1 S/M	1 NO	Momentary Start	Grey	68	74	51

1 Way Stop Push-button Station IP65


Features:

- Compact dimensions
- Numerous cable entries
- Surface mounting
- Pre-assembled complete with contact block



PBS1 STP

Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
0013-6981	PBS1 STP	1 Way Plastic Red PB	68	68	51
0016-0687	PBS1 STP/M	1 Way Metal Red PB	68	74	51

KEY SWITCHES & PUSHBUTTON STATIONS

Made Up Key Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1



PBS1 K

Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6969	PBS1 K	Key On/Off	1 NO	Grey	68	68	50
Die-Cast Aluminium							
0013-6972	PBS1 K/M	Key On/Off	1 NO	Grey	68	74	50

Made Up Momentary Up/Down Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1



PBS2 UD

Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6999	PBS2 UD	Momentary Up/Down	2 NO	Grey	68	104	51
0013-7014	PBS3 USD	Momentary Up/Down	2 NO + 1 NC	Grey	68	134	51
2817-9382	PBS3 UED	Momentary Up/Estop /Down	Up 1NO+1NC, Estop 1NC, Down 1NO+1NC	Grey	68	134	51
Die-Cast Aluminium							
0013-7011	PBS3 FSR/M	Forward /Stop /Reverse	2 NO + 1 NC	Grey	68	134	51



KEY SWITCHES & PUSHBUTTON STATIONS

Made Up Lock-In Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1

PBS1 ES



Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6966	PBS1 ESSR	Emergency Stop, Spring Return	1 NC	Yellow	68	68	51
0013-6954	PBS1 ES	Lock-In, Twist Release	1 NC	Yellow	68	68	51
Die-Cast Aluminium							
0013-6957	PBS1 ES/M		1 NC	Yellow	68	74	51

Made Up Emergency Stop Key Release Push-button Station IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1

Includes:

- 2 x Keys [key operated switches only]

PBS1 ESK



Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6960	PBS1 ESK	Lock-In, Key Release	1 NC	Yellow	68	68	51
Die-Cast Aluminium							
0013-6957	PBS1 ESK/M	Lock-In, Key Release	1 NC	Yellow	68	74	51

10A Standard Pushbutton Switches IP40


Features:

- Suitable for panel door or enclosed control station mounting
- Switch operation: Momentary
- Complete with mounting coupler
- Green / Red switch does not include contact block [1424-6770]
- Cut out: 22.5 mm[Ø]
- BS EN 60947-5-1



Code	Ref No.	Colour	Dimensions (mm)		
			W	H	D
1424-6770	TWPB 11	Green / Red	30	43	-

Made Up Pushbutton Stations IP55


Features:

- Snap closing tinted door
- Blank sides
- Pre-assembled complete with contact block
- Mounted: Surface
- BS EN 60947-5-1



PBS1 ES/FLAP

Includes:

- 2 x Keys [0915-9673] only

Code	Ref No.	Contact Configuration	Operation	Dimensions (mm)		
				W	H	D
Plastic						
0915-9670	PBS1 ES/FLAP	1 NC	Lock-In, Twist Release	102	156	100
0915-9673	PBS1 ESK/FLAP	1 NC	Lock-In, Key Release	103	151	104

Made Up Momentary Start/Stop Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1



PBS2 SS

Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6993	PBS2 SS	Momentary Start / Stop	1 NO + 1 NC	Grey	68	104	51
Die-Cast Aluminium							
0013-6996	PBS2 SS/M	Momentary Start / Stop	1 NO + 1 NC	Grey	68	104	51

Made Up Momentary Start/Stop Twist Release Pushbutton Stations IP65


Features:

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A
- Mounted: Surface
- BS EN 60947-5-1

PBS2 SES



Code	Ref No.	Operation	Contact Configuration	Colour	Dimensions (mm)		
					W	H	D
Plastic							
0013-6987	PBS2 SES	Start / Stop, Lock-In, Twist Release	1 NO + 1 NC	Grey	68	104	51
Die-Cast Aluminium							
0013-6990	PBS2 SES/M	Start / Stop, Lock-In, Twist Release	1 NO + 1 NC	Grey	68	104	51

PUSHBUTTON STATIONS

Insulated Plastic Foot Switch IP65



Features:

- Suitable for use with foot switch operated machines such as shearing machines, spinning machines, machine tools and wrapping machines
- Snap action contacts
- Manufactured using shock resistant ABS material
- Operation type: Free movement [convert to latching with 0013-5592 available online]
- Cable entry: Rear, PG16 cable gland
- Anti-slip floor pads
- BS EN 60947-5-1



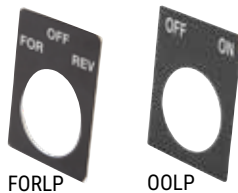
Code	Ref No.	Contact Configuration	Dimensions (mm)		
			W	H	L
0013-7185	PS3140	1 NO + 1 NC	140	138	280

Blank Legend Plate for Pushbuttons



Features:

- Suitable for use with 22.5 mm[Ø] pushbuttons, selector and key switches



Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
0013-4770	BLLP	Blank Circular Plate	30	40	-
0013-5547	ESPLP	Stop Circular Plate	-	-	60
0013-5598	FORLP	Forward / Off / Reverse Plate	30	40	-
0013-5994	HOALP	Hands Off Auto Plate	30	40	-
0013-6912	OOLP	Off On Legend Plate	30	40	-
0013-7332	RSLP	Reset Legend Plate	30	40	-
0013-7746	SLP	Start Legend Plate	30	40	-
0013-8361	ULP	Up Legend Plate	30	40	-
0013-5289	DLP	Down Legend Plate	30	40	-



Emergency Stop Switches



Features:

- Surface mounted insulated emergency stop switch
- Mushroom head: 90 mm[Ø]
- Operating temperature: -25 to 70°C
- Mechanical durability: 300,000 Operations
- BS EN 60947-5-1



Code	Ref No.	Contact Configuration	Operation	Colour	Dimensions (mm)		
					W	H	D
IP65							
1442-5978	PALM01RPP	1 NC	Pull Release	Red/Yellow /Grey	94	101	94
1442-5993	PALM11RPP	1 NC + 1 NO	Pull Release	Red/Yellow /Grey	94	101	94
1442-5984	PALM02RPP	2 NC	Pull Release	Red/Yellow /Grey	94	101	94
IP66							
1400-5768	PALM11RS	1 NO + 1 NC	Spring Return	Red/Grey	85	102	85
2034-8389	PALM11GS	1 NO + 1 NC	Spring Return	Green/Grey	85	102	85

Momentary Mushroom Head Emergency Stop Switches IP65



Features:

- Surface mounted insulated emergency stop switch
- Mushroom head: 90 mm[Ø]
- Operating temperature: -25 to 70°C
- Mechanical durability: 300,000 Operations
- BS EN 60947-5-1



Code	Ref No.	Description	Dimensions (mm)		
			W	H	D
1442-5987	PALM10BW	Black 1NO	94	90	94
1442-5981	PALM01RW	Red 1NC	94	90	94
1442-5990	PALM11BW	Black 1NO+1NC	94	90	94
1442-5996	PALM11RW	Red 1NO+1NC	94	90	94

ISOLATOR SWITCHES

20A Front Mounted Cam Switches IP66

sälzer

Features:

- Forced open contacts
- Four hole mounting
- BS EN 60947



Code	Ref No.	No. of Poles	Switch Positions	Legend	Dimensions (mm)		
					W	H	D
0013-7764	SP20A00PM	1	2	0-1	48	48	47
0013-7761	SP20AHOAPM	1	3	Hand - 0 - Auto	48	48	47
0013-7752	SP20A3SPM	1	4	0-1-2-3	48	48	47
0013-3210	2P20A00PM	2	2	0-1	48	48	47
0013-3396	3P20A00PM	3	2	0-1	48	48	60
0013-3204	2P20ACOPM	2	3	1-0-2	48	48	60

Reversing Switches IP65

sälzer

Features:

- Insulated polycarbonate enclosure
- Padlockable
- Three position switch: Off, forward and reverse
- Forced open contacts
- Cable entry: Knockouts top and bottom
- Mounted: Surface
- BS EN 60947-3



Code	Ref No.	Current Rating	AC23 [415V]	Dimensions (mm)		
				W	H	D
3 Pole						
0013-3402	3P20AREVSM	20A	5.5 kW	80	100	85
0013-3447	3P32AREVSM	32A	11 kW	100	125	133



KEY SWITCHES & ACCESSORIES

Roller Shutter Door Key Switches IP54

MCG
INDUSTRIAL

Features:

- Tough aluminium enclosure
- 3 Position spring return to centre action
- Mounted: Surface



Includes:

- Contact blocks
- 3 x Keys

Code	Ref No.	Contact Configuration	Current Rating	Dimensions (mm)		
				W	H	D
1442-5999	ROLLER16A	2 NO	16A	73.5	73.5	45
1442-6005	ROLLER32A	2 NO	32A	75	75	66

Enclosure to suit 16A & 32A Roller Shutter

MCG
INDUSTRIAL

Features:

- For use with 16A & 32A roller shutter door key switch [1442-5999] [1442-6005]
- Replacement normally open contact block



Code	Ref No.	Dimensions (mm)		
		W	H	D
1442-6011	ROLLERENC	95	115	90

CONTACT BLOCKS, KEY SWITCHES & SELECTOR SWITCHES

Base Mounting Contact Blocks


Features:

- Used in complete assemblies
- Suitable for use in dedicated pushbutton stations
- Mounts to the control station base enabling removal of front cover and pushbuttons without disconnecting wires
- Screw terminals
- BS EN 60947-5-1



Code	Ref No.	Contact Configuration	Current Rating
Base Mounting Contact Blocks for Plastic Control Stations Only			
0070-2508	BCB NC	1 NC	240V, 10A
0070-2511	BCB NO	1 NO	240V, 10A
Base Mounting Contact Blocks for Metal Control Stations Only			
2057-1520	BCB NO/M	1 NO	240V, 10A
2057-1523	BCB NC/M	1 NC	240V, 10A

Normally Open Contact Block IP20


Features:

- For use with 16A roller shutter door key switch [1442-5999] [1442-6005]
- Replacement normally open contact block

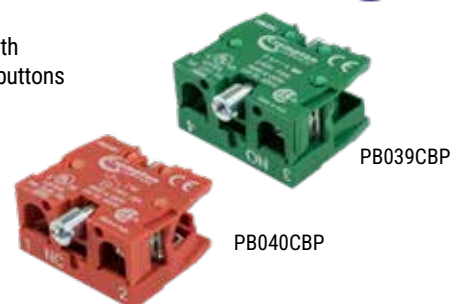


Code	Ref No.	Current Rating
1442-6002	ROLLER16ANO	16A

10A Contact Blocks


Features:

- Suitable for use with panel mount pushbuttons and switches
- Screw terminals
- BS EN 60947-5-1



Code	Ref No.	Contact Configuration
1736-8834	PB039CBP	1 NO
1736-8837	PB040CBP	1 NC

Base Mounting Contact Blocks


Features:

- Suitable for use with panel mount pushbuttons and switches
- Screw terminals
- BS EN 60947-5-1
- Not suitable for pre-assembled push button stations



Code	Ref No.	Contact Configuration	Current Rating
0043-7317	CB NC	1 NC	240V, 10A
0043-7323	CB NO	1 NO	240V, 10A



KEY SWITCHES & SELECTOR SWITCHES

10A Emergency Stop Pushbuttons IP65



Features:

- Suitable for panel door and enclosed control station mounting
- Mushroom head
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Code	Ref No.	Contact Configuration	Operation	Dimensions (mm)		
				W	H	D
0733-3258	ETR 10	1 NO	Twist Release	40	74	40
0043-7377	ETR 01	1 NC	Twist Release	40	74	40

Emergency Stop Pushbutton IP65



Features:

- Complete pushbutton assembly with mounting coupler and contact block
- Suitable for panel door and enclosed control station mounting
- IP65 [when assembled]
- BS EN 60947-5-1



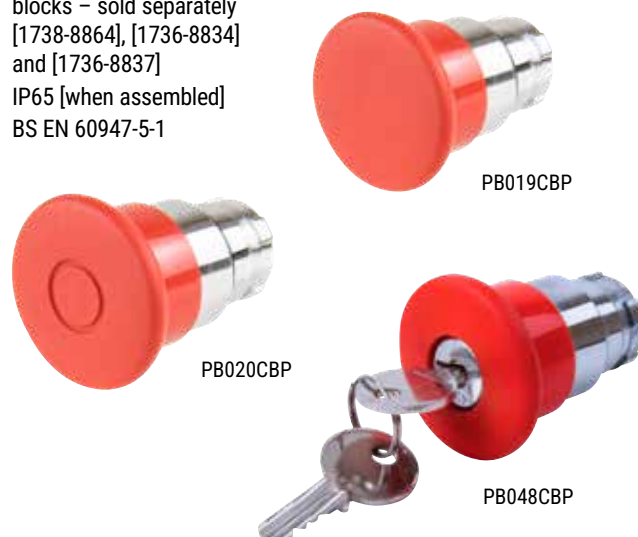
Code	Ref No.	Contact Configuration	Operation	Dimensions (mm)		
				W	H	D
2217-6949	PB088CNCBP	1 NC	Twist Release	40	74	40

Pushbutton Heads Only IP65



Features:

- Replacement heads for 22.5 mm[Ø] standard pushbuttons
- Mounting coupler and contact blocks – sold separately [1738-8864], [1736-8834] and [1736-8837]
- IP65 [when assembled]
- BS EN 60947-5-1



Includes:

- 2 x Keys [2191-4164] only

Code	Ref No.	Colour	Operation	Dimensions (mm)		
				W	H	D
2191-4164	PB048CBP	Red	Key Release	40	-	45
1736-8819	PB020CBP	Red	Pull Release	40	-	45
1736-8816	PB019CBP	Red	Spring Return	40	-	45

10A Emergency Stop Pushbuttons IP65



Features:

- Suitable for panel door and enclosed control station mounting
- Mushroom head
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Includes:

- 2 x Keys [0043-7353] only

Code	Ref No.	Contact Configuration	Operation	Dimensions (mm)		
				W	H	D
0043-7353	EKR 01	1 NC	Key Release	40	74	40
Spare Keys						
0055-7056	RB2-K455	-	2 Spare Keys	-	-	-

KEY SWITCHES & SELECTOR SWITCHES

10A Key & Rotary Switches IP65



Code	Ref No.	No. of Positions	Contact Configuration	Operation	Dimensions (mm)		
					W	(Dia)	D
Key Operated Switches							
0043-7599	S2PK 10	2	1 NO	Stay Put	40	29	62
0043-7611	S3PK 20	3	2 NO	Stay Put	40	29	62
1424-6758	S2PKSR 10	2	1 NO	Spring Return	40	29	62
1424-6761	S3PKSR 20	3	2 NO	Spring Return	40	29	62
Rotary Selector Switches							
0043-7593	S2P 10	2	1 NO	Stay Put	40	29	62
0043-7605	S3P 20	3	2 NO	Stay Put	40	29	62
1747-3984	S3PSR 20	3	2 NO	Spring Return	40	29	62
Spare Keys							
0055-7056	RB2-K455		-	2 Spare Keys	-	-	-

Features:

- Suitable for panel door or enclosed control station mounting
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Mounting Coupler


Features:

- Suitable for 22.5 mm[Ø] pushbuttons, selector switches and key operated switches
- Compatible with front mounting contact blocks – sold separately



Code	Ref No.	Dimensions (mm)		
		W	H	D
0048-9487	RAS FB	40	29	11

Mounting Coupler


Features:

- Suitable for use with 22.5 mm[Ø] pushbuttons, selector switches and key operated switches
- Compatible contact blocks sold separately [1736-8834] and [1736-8837]



Code	Ref No.	Dimensions (mm)		
		W	H	D
1736-8864	PB093CBP	40	30	12

10A Key & Rotary Switches IP65


Features:

- Complete assemblies with mounting coupler and contact block
- Suitable for panel door and enclosed control station mounting
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1


Includes:

- 2 x Keys [key operated switches only]

Code	Ref No.	No. of Positions	Contact Configuration	Operation	Dimensions (mm)		
					W	(Dia)	D
Key Operated Switches							
2217-6937	PB031CNOBP	2	1 NO	Latching	-	29	-
2217-6940	PB032C2NOBP	3	2 NO	Latching	-	29	-
Rotary Selector Switches							
2217-6946	PB036CNOBP	2	1 NO	Latching	-	29	-
2217-6943	PB035C2NOBP	3	2 NO	Latching	-	29	-
Spare Keys							
0055-7056	RB2-K455	-	-	2 Spare Keys	-	-	-

10A Key & Rotary Switches IP65 – Head Only


Features:

- Replacement heads for 22.5 mm[Ø] rotary selector switches
- Mounting coupler and contact blocks available – sold separately [1736-8864], [1736-8834] and [1736-8837]
- IP65 [when assembled]
- BS EN 60947-5-1



Code	Ref No.	No. of Positions	Operation	Dimensions (mm)	
				(Dia)	D
1736-8822	PB033CBP	2	Non-Latching	29	42
1736-8825	PB034CBP	3	Non-Latching	29	42

PUSHBUTTON SWITCHES

10A Standard Pushbutton Switches IP65

Features:

- Suitable for panel door or enclosed control station mounting
- Switch operation: Momentary
- Complete with mounting coupler
- Green / Red switch does not include contact block [1424-6770]
- Cut out: 22.5 mm[Ø]
- BA9s Lamps sold separately - see page 21
- IP40 / 65 [when assembled]
- BS EN 60947-5-1



Code	Ref No.	Colour	Contact Configuration	Dimensions (mm)		
				W	(Dia)	D
0048-8542	APB 10	Amber	1 NO	40	29	54
0048-8593	BPB 10	Black	1 NO	40	29	54
0048-8572	BLPB 10	Blue	1 NO	40	29	54
0043-7395	GPB 10	Green	1 NO	40	29	54
0043-7587	RPB 01	Red	1 NC	40	29	54

Standard Pushbuttons IP65

Features:

- Complete pushbutton assemblies with mounting coupler and contact block
- Suitable for panel door and enclosed control station mounting
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Code	Ref No.	Colour	Operation	Contact Configuration	Dimensions (mm)		
					W	(Dia)	D
2217-6931	PB013CNOBP	Green	Momentary	1 NO	-	29	-
2217-6934	PB017CNCBP	Red	Momentary	1 NC	-	29	-

Flush Momentary Pushbutton Head IP65

Features:

- IP65 chrome bezel
- Suitable for panel door and enclosed control station mounting
- Mounting coupler and contact blocks available (sold separately)



Code	Ref No.	Colour	Operation	Dimensions (mm)	
				(Dia)	D
0048-8545	APBH0	Amber	Momentary	29	27
0048-8596	BPBH0	Black	Momentary	29	27
0048-8575	BLPBH0	Blue	Momentary	29	27
0048-8944	GPBH0	Green	Momentary	29	27
0048-9505	RPBH0	Red	Momentary	29	27

Pushbutton Heads Only IP65

Features:

- Replacement heads for 22.5 mm[Ø] standard pushbuttons
- Mounting coupler and contact blocks – sold separately [1738-8864], [1736-8834] and [1736-8837]
- IP65 [when assembled]
- BS EN 60947-5-1



Code	Ref No.	Colour	Operation	Dimensions (mm)	
				(Dia)	D
1736-8855	PB054CBP	Black	Momentary	29	26
1736-8858	PB055CBP	Blue	Momentary	29	26
1736-8813	PB018CBP	Red	Momentary	29	26



PUSHBUTTON SWITCHES

Illuminated Pushbuttons IP65



Features:

- Suitable for panel door mounting
- Complete with lampholder, contact block and mounting coupler
- Can be illuminated permanently or momentarily depending on wiring
- Cut out: 22.5 mm[Ø]
- BA9s Lamps sold separately
- Not suitable for empty pushbutton stations
- IP65 [when assembled]
- BS EN 60947-5-1



AIP10 230



BLIP10 230

Code	Ref No.	Colour	Contact Configuration	Dimensions (mm)		
				W	(Dia)	D
Up to 230V Multi-Voltage Complete Assemblies [lamp not included]						
0048-8527	AIP10 230	Amber	1 NO	40	29	80
0048-8566	BLIP10 230	Blue	1 NO	40	29	80
0048-8614	CIP10 230	Clear	1 NO	40	29	80
0048-8938	GIP10 230	Green	1 NO	40	29	80
0048-9499	RIP01 230	Red	1 NC	40	29	80
230V - 110V Complete Assemblies [110V lamp included] – Diode fitted drops voltage to 110V						
0048-8530	AIP10 230/110	Amber	1 NO	40	29	80
0048-8569	BLIP10 230/110	Blue	1 NO	40	29	80
0048-8617	CIP10 230/110	Clear	1 NO	40	29	80
0048-8941	GIP10 230/110	Green	1 NO	40	29	80
0048-9502	RIP01 230/110	Red	1 NC	40	29	80



0.66W LED BA9s Lamps



Features:

- Multi-chip LED AC/DC
- Cap type: BA9s



Code	Ref No.	Colour	Voltage	Dia (mm)
1424-6674	BA9LED110W	-	110V	9
1424-6680	BA9LED24W	-	24V	9
1424-6677	BA9LED230W	-	230V	9

INDICATOR LAMPS

Panel Mount LED Indicators IP65



Features:

- High-visibility built-in LED indicator
- Flame retardant ABS
- Vibration resistant
- Ambient temperature: -5 to 40°C
- Lamp life: 30,000 hrs
- IP65 [when assembled]
- BS EN 60947



PL16-24G

PL22-24W

Code	Ref No.	Colour	Voltage Rating	Cut Out Ø (mm)	Dimensions (mm)	
					L	(Dia)
0577-6381	PL16-24Y	Yellow	24V AC / DC	16	55	19
0577-6372	PL16-24G	Green	24V AC / DC	16	55	19
0577-6375	PL16-24R	Red	24V AC / DC	16	55	19
0577-6378	PL16-24W	White	24V AC / DC	16	55	19
0577-6336	PL16-110Y	Yellow	110V AC	16	55	19
0577-6324	PL16-110B	Blue	110V AC	16	55	19
0577-6327	PL16-110G	Green	110V AC	16	55	19
0577-6354	PL16-240B	Blue	230V AC	16	55	19
0577-6357	PL16-240G	Green	230V AC	16	55	19
0577-6360	PL16-240R	Red	230V AC	16	55	19
0055-7011	PL22-24Y	Yellow	24V AC / DC	22.5	51	30
0055-6975	PL22-24B	Blue	24V AC / DC	22.5	51	30
0055-6984	PL22-24G	Green	24V AC / DC	22.5	51	30
0055-6993	PL22-24R	Red	24V AC / DC	22.5	51	30
0055-7002	PL22-24W	White	24V AC / DC	22.5	51	30
0055-7008	PL22-110Y	Yellow	110V AC	22.5	51	30
0055-6972	PL22-110B	Blue	110V AC	22.5	51	30
0055-6981	PL22-110G	Green	110V AC	22.5	51	30
0055-6990	PL22-110R	Red	110V AC	22.5	51	30
0055-6999	PL22-110W	White	110V AC	22.5	51	30
0055-7014	PL22-240Y	Yellow	230V AC	22.5	51	30
0055-6978	PL22-240B	Blue	230V AC	22.5	51	30
0055-6987	PL22-240G	Green	230V AC	22.5	51	30
0055-6996	PL22-240R	Red	230V AC	22.5	51	30
0055-7005	PL22-240W	White	230V AC	22.5	51	30

Indicator Light Assemblies LED IP65



Features:

- High-visibility with built-in multi-chip LED
- Low power consumption
- Cool running
- Vibration resistant
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



PB106CBP

PB109CBP

Code	Ref No.	Colour	Voltage Rating	Dimensions (mm)	
				L	(Dia)
2217-6964	PB110CBP	White	230V AC	51	30
2217-6961	PB109CBP	Blue	230V AC	51	30
2217-6952	PB106CBP	Green	230V AC	51	30
2217-6955	PB107CBP	Red	230V AC	51	30
2217-6958	PB108CBP	Amber	230V AC	51	30

DIN RAIL & TERMINALS

DIN Rail / G-Type



Features:

- Galvanised steel construction, zinc plated and dichromated
- Length: 2 m
- BS EN 60715



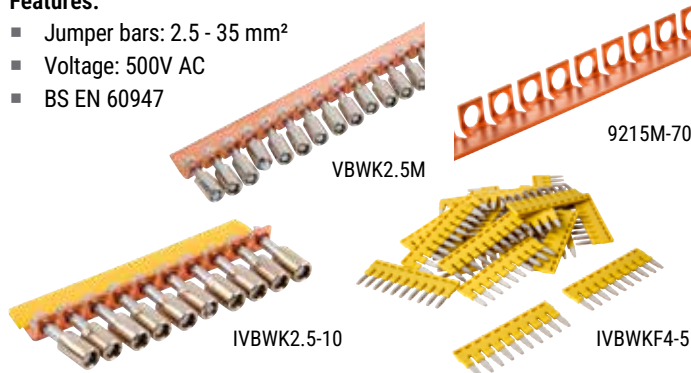
Code	Ref No.	Description	Type	Dimensions (mm)	
				W	D
Plain					
0013-8247	TS35P	Standard	DIN Rail	35	7.5
0013-8244	TS35HD	Heavy-Duty	DIN Rail	35	15
0013-8241	TS32G	Standard	G-Type	32	15
Slotted					
0013-8250	TS35S	Standard	DIN Rail	35	7.5
0013-8235	TS15P	For Miniature Terminals	DIN Rail	15	5.5

Jumper Bars



Features:

- Jumper bars: 2.5 - 35 mm²
- Voltage: 500V AC
- BS EN 60947



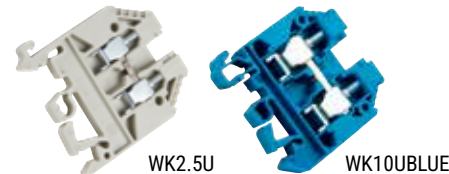
Code	Ref No.	Suitable For	No. of Ways
Uninsulated			
0016-0903	9215M-70	WKM4 / 15 Terminals	70
0013-8430	VBWK2.5M	WK2.5U Terminals	80
0013-8439	VBWK4M	WK4U Terminals	70
0013-8442	VBWK6M	WK6U Terminals	40
Insulated			
0013-6243	IVBWK2.5-10	WK2.5U Terminals	10
0013-6255	IVBWK4-2	WK4U Terminals	2
0013-6252	IVBWK4-10	WK4U Terminals	10
0189-5800	IVBWK4-5	WKF4 Terminals	5
0189-5794	IVBWK4-10	WKF4 Terminals	10
0013-6264	IVBWKN10-10	WKN10U Terminals	10
0055-6966	IVBWKN16-2	WKN16U Terminals	2
0055-6963	IVBWKN16-10	WKN16U Terminals	10
0013-6267	IVBWKN35-2	WKN35U Terminals	2
0717-8326	IVBWKN35-12	WKN35U Terminals	12

DIN Rail Terminals



Features:

- Mounted: DIN rail and G-rail
- BS EN 60947



Code	Ref No.	Nominal Cross Section	Current Rating	Colour	Dimensions (mm)		
					W	H	L
Standard Feed-Through Terminals							
0013-8499	WK2.5U BLUE	2.5 mm ²	24A	Blue	5	48.5	44.5
1945-0654	WK2.5U BROWN	2.5 mm ²	24A	Brown	5	48.5	44.5
0013-8496	WK2.5U	2.5 mm ²	24A	Standard	5	48.5	44.5
0013-8502	WK2.5U WHITE	2.5 mm ²	24A	White	5	48.5	44.5
0013-8505	WK2.5U YELLOW	2.5 mm ²	24A	Yellow	5	48.5	44.5
0013-8550	WK4U BLACK	4 mm ²	32A	Black	6	48.5	44.5
0013-8553	WK4U BLUE	4 mm ²	32A	Blue	6	48.5	44.5
0013-8547	WK4U	4 mm ²	32A	Standard	6	48.5	44.5
0013-8559	WK4U RED	4 mm ²	32A	Red	6	48.5	44.5
0013-8562	WK4U WHITE	4 mm ²	32A	White	6	48.5	44.5
0013-8565	WK4U YELLOW	4 mm ²	32A	Yellow	6	48.5	44.5
0013-8571	WK6U BLUE	6 mm ²	41A	Blue	8	53.5	48
0013-8568	WK6U	6 mm ²	41A	Standard	8	53.5	48
0013-8592	WKN10U BLUE	10 mm ²	57A	Blue	10	55	53.8
0013-8589	WKN10U	10 mm ²	57A	Grey	10	55	53.8
0013-8601	WKN16U	16 mm ²	71A	Grey	12	57.5	59.3
2149-5349	WKN35U BLUE	35 mm ²	124A	Blue	16	67.6	70.6
0013-8610	WKN35U	35 mm ²	124A	Grey	16	67.6	70.6
0013-8619	WKN70U	70 mm ²	179A	Grey	24	81.2	76.8
0013-8595	WKN150U	150 mm ²	309A	Grey	28	98.6	96
Double-Deck Terminal							
0013-8604	WKN2.5E/U	2.5 mm ²	24A	Grey	5	63.9	65.8
Green / Yellow Earth DIN Rail Terminals							
0013-8613	WKN4SLU	4 mm ²	-	Green/Yellow	6	48.5	51
0013-8616	WKN6SLU	6 mm ²	-	Green/Yellow	8	53.5	54
0013-8586	WKN10SLU	10 mm ²	-	Green/Yellow	10	55	54
0013-8598	WKN16SLU	16 mm ²	-	Green/Yellow	12	57.5	57.5
0013-8607	WKN35SLU	35 mm ²	-	Green/Yellow	16	67.6	63
Green / Yellow Twin Earth Terminal							
0013-8520	WK4D2/2SLU	4 mm ²	-	Green/Yellow	6	48.5	52.3
Knife Disconnect Terminal							
0013-8544	WK4TKMU	4 mm ²	20A	Grey	6	49.5	48
Fuse Disconnect Terminals							
0013-8538	WK4THSI5U	4 mm ² G-Fuse 5x30 mm	6.3A	Grey	8	54.5	77.2
0013-8541	WK4THSI6.3U	4 mm ² G-Fuse 6.3x32 mm	10A	Grey	10	54.5	77.2
0013-8487	WK10SI5X20	10 mm ² G-Fuse 5x20 mm	10A	Grey	12	58.5	65
Fuse Double-Deck Terminals							
0013-8523	WK4D2/2U	4 mm ² [2into2]	30A	Grey	6	48.5	60
0013-8526	WK4DE/U	4 mm ² [2Thru]	22A	Grey	6	48.5	77
Spring Clamp Connection							
0189-5887	WKF4/35	4 mm ²	32A	Grey	6	42.3	57
Spring Clamp Earth Connection							
0180-3085	WKF4SL/35	4 mm ²	-	Green/Yellow	6	42.3	57

TERMINALS

Miniature Terminals


Features:

- Feed through terminal blocks
- Suitable for mounting on miniature 15 mm DIN rail
- Voltage: 500V AC
- BS EN 60947



WKM2.5/15

Code	Ref No.	Nominal Cross Section	Current Rating	Colour	Dimensions (mm)		
					W	H	L
0013-8580	WKM2.5/15	2.5 mm ²	25A	Blue	5	32	32
0035-2246	WKM2.5/15 BLUE	2.5 mm ²	25A	Grey	5	32	32
0013-8511	WKM4/15	4 mm ²	28A	Grey	6	32	32
0013-8583	WKM4SL/15	4 mm ²	-	Green/Yellow	6	32	31.6

Terminal Blocks


Features:

- For use with 35mm DIN Rail
- Nominal cross section: 95 mm²
- Voltage: 1,000V AC
- BS EN 60947



RFK1/95FMPA

Code	Ref No.	Mounted	Dimensions (mm)		
			W	H	L
0013-7305	RFK1/95FS35	DIN Rail	32	70.5	92
0013-7302	RFK1/95FMPA	DIN Rail	32	62.5	92

Universal End Stop


Features:

- Universal end clamp with U-foot
- Mounted: DIN rail and G-rail
- BS EN 60947



Code	Ref No.	Width
0013-8481	WE1/U	10 mm

Stop Ends


Features:

- Mounted: DIN rail
- BS EN 60947



2S35



9708/S35

Code	Ref No.	Width	Colour
0013-3225	2S35	8 mm	Grey
0013-4200	9708/S35	8 mm	White

End Plates & Partitions


Features:

- Protects against electric shock
- Pack of 10
- BS EN 60947

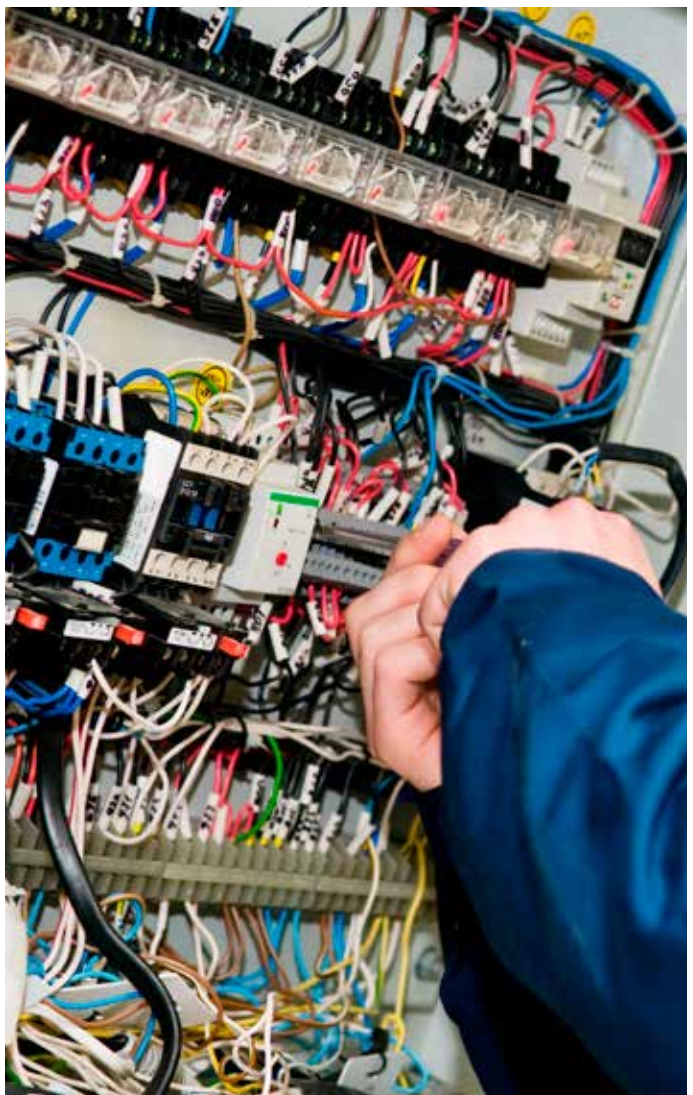


TW6



AP2.5/4

Code	Ref No.	Suitable For
End Plates		
0013-4518	APN2.5E	WKN2.5E/U Terminals
0013-4515	APN16	WKN16U Terminals
0013-4467	AP2.5/4	WK2.5/4U Terminals
0013-4506	AP6	WK6U Terminals
0013-4512	APN10	WKN10U Terminals
Partitions		
0013-8280	TW2.5/4	WK2.5/4U Terminals
0013-8289	TW6	WK6U Terminals
0013-8274	TW10	WKN10U Terminals
0013-8277	TW16	WKN16U Terminals



MULTIPOLE CONNECTORS & INSERTS

Multipole Connectors



Features:

- Plugs and sockets with rated impulse voltage: 6 kV
- Conductor size: 0.5 - 2.5 mm²
- Bases have single locking lever
- Operating temperature: -40 to 120°C
- BS EN 61984:2009 and BS EN 60664-1



16PE16AP



16PE16AFI



6PE16AFI



6PE16APS



24PE16APS

Code	Ref No.	Size	No. of Poles	Dimensions (mm)		
				W	H	L
Plugs – 16A						
0013-4074	6PE16AMI	6	6P+E	34	32	50
0013-2745	10PE16AMI	10	10P+E	34	32	63
0013-2901	16PE16AMI	16	16P+E	34	32	83
0013-3120	24PE16AMI	24	24P+E	34	32	110
Sockets – 16A						
0013-4071	6PE16AFI	6	6P+E	34	32	50
0013-2742	10PE16AFI	10	10P+E	34	32	63
0013-2898	16PE16AFI	16	16P+E	34	32	83
0013-3117	24PE16AFI	24	24P+E	34	32	110
Hoods						
0013-4077	6PE16AP	6	-	43	47.5	73.6
0013-2748	10PE16AP	10	-	56	53	73
0013-2904	16PE16AP	16	-	56	60	93.5
0013-3123	24PE16AP	24	-	56.6	70	120
Multipole Connector Closed Bottom Bases						
0013-4083	6PE16ASS	6	-	52	54.5	84
0013-2754	10PE16ASS	10	-	52	54.5	94
0013-2910	16PE16ASS	16	-	57	51	117
0013-3129	24PE16ASS	24	-	57	56.5	144
Multipole Connector Open Bottom Bases						
0013-4080	6PE16APS	6	-	43.5	29	80
0013-2751	10PE16APS	10	-	57.2	27.9	93
0013-2907	16PE16APS	16	-	56.2	27.9	113
0013-3126	24PE16APS	24	-	56.2	27.9	140

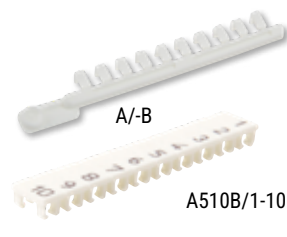
WIELAND MARKER TAGS



Marking Tags

Features:

- Tear-off marking strips with 10 marking tabs
- Suitable for DIN rail terminal blocks
- Pack of 25 strips
- BS EN 60947



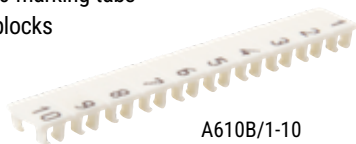
Code	Ref No.	Marked
2.5 mm² Terminals		
0013-4203	A/-B	Blank
0013-4206	A/0B	0
0013-4209	A/1B	1
0013-4212	A/2B	2
0013-4215	A/3B	3
0013-4218	A/4B	4
0013-4221	A/5B	5
0013-4224	A/6B	6
0013-4227	A/7B	7
0013-4230	A/8B	8
0013-4233	A/9B	9
0013-4317	A510B/1-10	1 -10
0013-4320	A510B/11-20	11-20
0013-4323	A510B/21-30	21-30
0013-4326	A510B/31-40	31-40
0013-4329	A510B/41-50	41-50
0013-4332	A510B/51-60	51-60
0013-4335	A510B/61-70	61-70
0013-4338	A510B/71-80	71-80
0013-4341	A510B/81-90	81-90
0013-4344	A510B/91-100	91-100
0013-4236	A/AG	A
0013-4239	A/BG	B
0013-4242	A/CG	C
0013-4245	A/DG	D
0013-4248	A/EG	E
0013-4251	A/FG	F
0013-4254	A/GG	G
0013-4268	A/HG	H
0013-4260	A/IG	I
0013-4268	A/JG	J
0013-4266	A/KG	K
0013-4269	A/LG	L
0013-4272	A/MG	M
0013-4275	A/NG	N
0013-4278	A/OG	O
0013-4281	A/PG	P
0013-4284	A/QG	Q
0013-4287	A/RG	R
0013-4290	A/SG	S
0013-4293	A/TG	T
0013-4296	A/UG	U
0013-4299	A/VG	V
0013-4302	A/WG	W
0013-4305	A/XG	X
0013-4308	A/YG	Y
0013-4311	A/ZG	Z

WIELAND MARKER TAGS

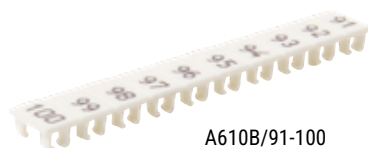
Marking Tags [continued]

Features:

- Tear-off marking strips with 10 marking tabs
- Suitable for DIN rail terminal blocks
- Pack of 25 strips
- BS EN 60947



A610B/1-10



A610B/91-100

Code	Ref No.	Marked
4 mm² Terminals		
0013-4347	A610B/1-10	1-10
0013-4320	A610B/11-20	11-20
0013-4353	A610B/21-30	21-30
0013-4356	A610B/31-40	31-40
0013-4329	A610B/41-50	41-50
0013-4362	A610B/51-60	51-60
0013-4335	A610B/61-70	61-70
0013-4338	A610B/71-80	71-80
0013-4371	A610B/81-90	81-90
0013-4344	A610B/91-100	91-100

Marking Tags – Unmarked

Features:

- Single marking tags
- Suitable for all block widths
- Pack of 100
- BS EN 60947



Code	Ref No.	Dimensions (mm)	
		W	L
0013-4185	9705A	5	8.3

Marking Tags – Numbered

Features:

- Tear-off marking strips with 10 marking tags
- Marked with consecutive numbers
- For use with DIN rail terminal blocks
- Pack of 25 strips
- BS EN 60947



Code	Ref No.	Marked
0038-5621	A/1-0B	0-9

PANEL TRANSFORMERS

230 / 400V Multiple Output Transformers



Features:

- Reliable operation, compact design and safe wiring for a wide range of applications
- Voltage output: 12, 24, 48, 110 and 240V
- Suitable for panel mounting only
- BS EN 61558 and Q/ZT258



CCT/50

Code	Ref No.	VA Rating	Dimensions (mm)		
			W	H	D
1412-8561	CCT/50	50 VA	85	84	83
1412-8543	CCT/100	100 VA	103	99	87
1412-8549	CCT/150	150 VA	103	99	93
1412-8552	CCT/200	200 VA	103	99	105
1412-8555	CCT/300	300 VA	130	150	125
1412-8558	CCT/400	400 VA	148	153	155
1412-8564	CCT/500	500 VA	148	153	155
1412-8546	CCT/1000	1000 VA	173	174	186

CONTACTORS & ACCESSORIES

Enclosed Contactors



Features:

- Ideal for heating and lighting applications
- Pressed steel enclosure: RAL7035
- Top and bottom cable gland knockouts
- IP55
- BS EN 60947



BCGHS1S

Code	Ref No.	Current Rating AC1	Contact Configuration	Dimensions (mm)		
				W	H	D
Single Pole + N with Fuse Protection						
0013-4623	BCGHS1S	60A	3 NO	184	184	149
0013-4626	BCGHS3S	100A	3 NO	285	305	159
3 Pole + N with Fuse Protection						
0013-4635	BCGHT1S	25A	3 NO	184	184	149
0013-4638	BCGHT3S	40A	3 NO	184	184	149
0013-4641	BCGHT5S	72A	3 NO	285	305	159
0013-4644	BCGHT6S	110A	3 NO	285	305	159
4 Pole with Neutral Block						
2077-3264	3ENC4/25N	25A	4 NO	184	184	149
2077-3267	3ENC4/40N	40A	3 NO	184	184	149

MODULAR CONTACTORS

Modular Contactors

Features:

- Ideal for switching heating and lighting applications
- Coil voltage: 230V AC
- Mounted: DIN rail
- BS EN 61095



MC120



MC2252N02NC



MC3634NC

Code	Ref No.	Current Rating	No. of Modules	Contact Configuration	Dimensions (mm)		
					W	H	D
2 Pole							
1469-6029	MC120	20A	1	2 NO	18	83	66
2029-0501	MC1202NC	20A	1	2 NC	18	83	66
4 Pole							
2029-0504	MC2252N02NC	25A	2	2 NO + 2 NC	18	83	66
1469-4562	MC225	25A	2	4 NO	36	83	66
2029-0507	MC2254NC	25A	2	4 NC	35	88	66
2029-0510	MC3402N02NC	40A	3	2 NO + 2 NC	54	88	66
1462-6381	MC340	40A	3	4 NO	54	88	66
2029-0513	MC3404NC	40A	3	4 NC	54	88	66
2029-0516	MC3632N02NC	63A	3	2 NO + 2 NC	54	88	66
1462-6384	MC363	63A	3	4 NO	54	88	66
2029-0519	MC3634NC	63A	3	4 NC	54	88	66



Modular Contactors

Features:

- For controlling remote switching and protecting electrical installations
- Ideally suited to connecting and breaking non-inductive or low inductive loads, resistance heaters, household appliances or similar
- Suitable for use with DIN rail mounting enclosures (sold separately)
- Note: Not suitable for lighting applications

Code	Ref No.	Current Rating	No. of Modules	Contact Configuration	Dimensions (mm)		
					W	H	D
2 Pole							
2296-3879	CC20A1MC2NC	20A	1	2NC	18	81	68
2296-3882	CC20A1MC2NOBP	20A	1	2 NO	18	81	68
2296-3885	CC25A1MC2NC	25A	1	2 NC	18	81	68
2296-3888	CC25A1MC2NOBP	25A	1	2 NO	18	81	68
4 Pole							
2296-3891	CC25A2MC2NO2NC	25A	2	2 NO 2NC	36	81	68
2296-3894	CC25A2MC4NC	25A	2	4 NC	36	81	68
2296-3897	CC25A2MC4NOBP	25A	2	4 NO	36	81	68
2296-3915	CC63A3MC2NO2NC	63A	3	2 NO 2 NC	54	85	68
2296-3918	CC63A3MC4NC	63A	3	4 NC	54	85	68
2296-3921	CC63A3MC4NOBP	63A	3	4 NO	54	85	68



CC20A1MC2NC



CC25A2MC2N02NC

LIMIT SWITCHES

Metal Limit Switches IP66

Features:

- Range: FC
- Snap action contacts
- Cable entry: M20 1.5 Cable gland
- BS EN 60947-5-1



FC121



FC721



FC311

Code	Ref No.	Head Type	Contact Configuration	Dimensions (mm)		
				W	H	D
0013-5550	FC121	Standard Plunger	1 NO + 1 NC	40	108.5	43
0013-5553	FC131	Roller Plunger	1 NO + 1 NC	40	120	43
0013-5556	FC221	Side Projecting	1 NO + 1 NC	40	100.5	43
0013-5559	FC311	Angled Roller	1 NO + 1 NC	40	134	43
0013-5562	FC411	Standard Roller	1 NO + 1 NC	40	133	43
0013-5568	FC511	Adjustable Roller	1 NO + 1 NC	40	138	43
0013-5571	FC721	Adjustable Actuator Rod	1 NO + 1 NC	40	277	43
0013-5574	FC911	Spring Rod	1 NO + 1 NC	40	200	43

Plastic Limit Switches IP65

Features:

- Range: FCP
- Snap action contacts
- Cable entry: M20 1.5 Cable gland
- BS EN 60947-5-1



FC111P



FC511P



FC411P

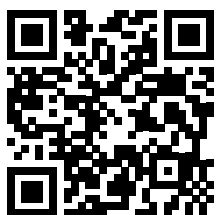
Code	Ref No.	Head Type	Contact Configuration	Dimensions (mm)		
				W	H	D
1453-4938	FC111P	Plain Plunger	1 NO + 1 NC	30.3	73	30
1453-4941	FC131P	Roller Plunger	1 NO + 1 NC	30.3	84	30
1453-4944	FC411P	Standard Roller	1 NO + 1 NC	30.3	106	30
1453-4947	FC511P	Adjustable Roller	1 NO + 1 NC	30.3	98.5	30
1453-4950	FC551P	Adjustable Roller 50mm Head	1 NO + 1 NC	30.3	114.5	30

SAFETY LOCKOUT

Did you know?...

MCG Offer a wide range of Safety Lockout products

Scan the QR code to access the latest Digital Brochure



NOTES



Unit 1, Railway Court, Ten Pound Walk, Doncaster, South Yorkshire, DN4 5FB

Tel: +44 [0]1302 342 642

mcg.co.uk |  mcg_industrial

MCGCATCEA



© MCG 2026 - E&OE Errors and Omissions excepted