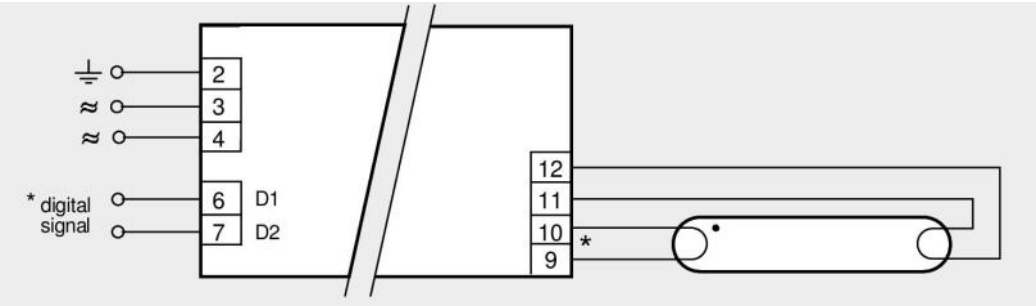
EXTRA

switchDIM

Connecting live and neutral to the control terminals D1 and D2 via a push-to-make switch (momentary switch) offers the possibility to control the dimming level and the on/off function without any digital devices.
With a short push you can switch ON and OFF. If you push and hold it is possible to dim the LEDs throughout the full dimming range of the ballasts (1 or 3% up to 100%).
The wiring for switchDIM can be simplified to Live, Switched Live, Neutral and Earth (identical to emergency circuits - see page 2).

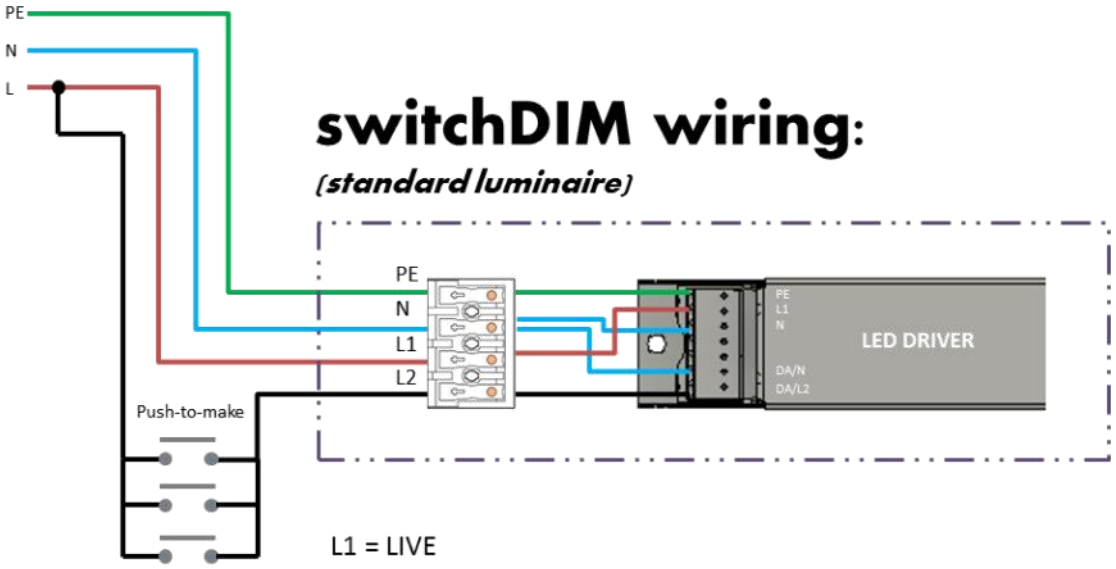


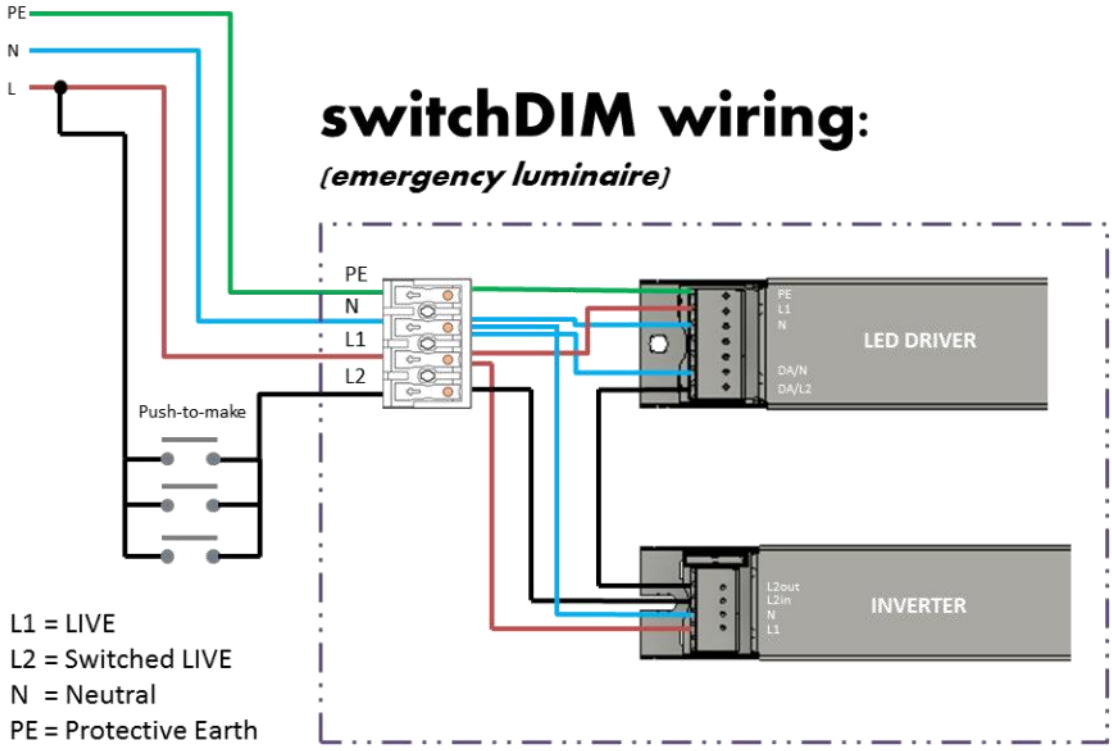
Technical data

- Maximum length of the control wires: unlimited due to 230/240V potential
- Unlimited number of push-to-make switches (momentary switches)
- Maximum numbers of ballast: theoretically unlimited because no power or load is being controlled but due to the possibility of asynchronous function we recommend the number of ballasts connected to the switch does not exceed 25 pieces. If more are needed, use full DALI control instead.

Synchronisation

- In the case of a new installation or new ballast installed into an existing installation, it is possible that not all ballasts will be synchronous. In operation some ballasts may be switched off whilst others are switched on and the dimmed levels of the ballasts may not be the same. With a push on the switch longer than 10 seconds all ballasts will synchronise at a 50% light level and have the same point of departure for dimming. This process can be applied at any time during normal operation if any individual is unsynchronised.





CAUTION!

Do not use glow switches!

Glow switches may cause the LED driver to spontaneously switch ON of OFF or make sudden change in the dimming value.

CAUTION!

The neutral conductor MUST be connected to DA/N.

This prevents 400 V being applied between adjacent terminals if a different phase is used for the control input.

CAUTION!

To ensure correct operation, a sinusoidal mains voltage with a frequency of 50Hz or 60Hz is required at the terminal.

NOTICE!

For large installations, supply to the LED Driver may be split among several phases (L1, L2, L3).

Any phase can be used for the control input .

Any number of pushbuttons can be connected in parallel.

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