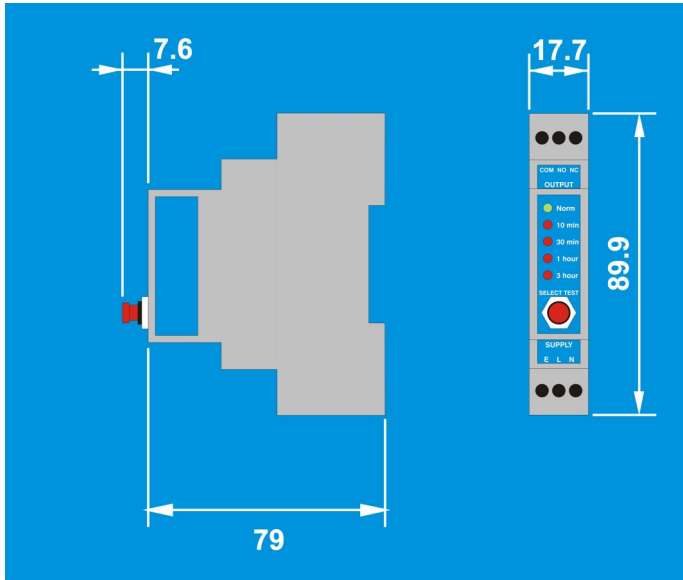


# ELTD1

## Emergency Lighting Test Switch

### Overview



The ELTD1 emergency lighting test switch is designed to test the function of emergency luminaires. A push button switch is used to interrupt the supply to the luminaires for a pre-programmed period of time. At the end of the time period the supply to the luminaires is automatically re-instated. The result is that there is no risk of depleting the batteries in the emergency fitting.

Four pre-programmed test intervals are available:

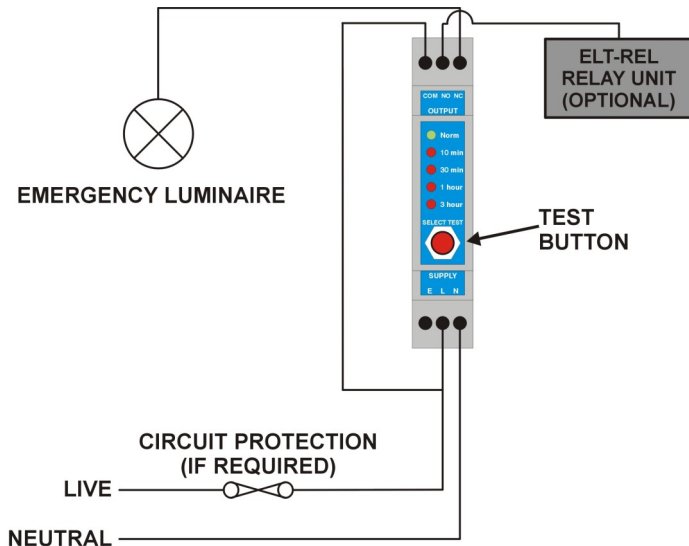
- 10 minutes
- 30 minutes
- 1 hour
- 3 hours

The unit will power up with the *NORMAL* lamp illuminated—the supply will be connected to the output.

Push the test button to select the 10 minute test interval. Push again to select the next test interval—the supply will be disconnected from the output for the duration of the test.

To cancel a test, repeatedly press the button until the *NORMAL* lamp illuminates.

### Installation



**Warning.** This device works at mains potential. Be sure to take care when working with electricity.

1. Make sure the load is connected and in working order.
2. Isolate the mains supply to the circuit at the main distribution board.
3. The unit can be installed in any standard DIN rail consumer unit or enclosure.
4. Wire the ELTD1 as in the diagram below.
5. Connect the controller via the terminal block. Live supply to the *L* terminal, Neutral supply to the *N* terminal and the load to the *NC* terminal. When using the ELT-REL relay unit, connect to the *NO* terminal. Loop from the *L* terminal to the *COM* terminal.
6. Apply power—the *NORMAL* lamp will light up.

# Specification

## LOAD

3 Amp incandescent lighting  
3 Amp fluorescent lighting  
3 Amp compact fluorescent lighting  
3 Amp low energy lighting  
3 Amp low voltage lighting (switch primary of transformer)  
Fluorescent lighting (max 3 fittings recommended)  
For fluorescent lighting total power factor correction capacitance must not exceed 15 $\mu$ F

**SUPPLY VOLTAGE** 220-240 Volts AC 50 Hz  
**TIMING PERIOD** 10 minutes, 1 hour, 3 hours  
**FIXING METHOD** DIN rail  
**TERMINAL CAPACITY** 2.5mm<sup>2</sup>  
**MATERIAL** Noryl, self extinguishing  
**TYPE** Class 2  
**TEMPERATURE** -10°C to 35°C  
**CONFORMITY** EMC-2014/30/EU  
LVD-2014/35/EU



For further compliance information visit  
[www.cpelectronics.co.uk/compliance](http://www.cpelectronics.co.uk/compliance)

## IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE wiring regulations.



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