



ELT25

* These instructions should be read in full before installation and kept with the end user for future reference. Consult a qualified electrician if you have any doubt.

Safety

1. This device should be installed only by a qualified electrician and installed to the local regulations.
2. Before installation or maintenance is carried out, ensure that the main supply is turned off and adequately isolated.

Description

The device is designed to test emergency lighting circuits with adjustable duration of 60, 90 and 120 minutes. It provides key switch to select TEST or RESET to activate or deactivate the incorporated emergency lighting contactor. The device is of compact, module design with 72mm width only, its ideal for switchboard installation.

Features

1. DIN rail provision with 72mm modular width
2. Incorporated with 25A contactor
3. Selector switch for Test and Reset
4. Test duration adjustable with 60,90 and 120 minutes
5. Extendible wiring terminal for connection of additional contactor

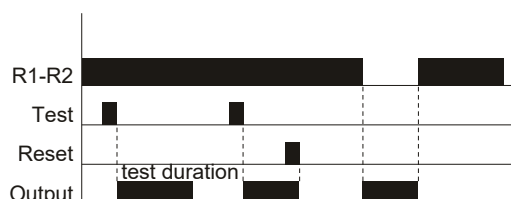
Operation

1. The device will activate the emergency lighting contactor once receiving the triggering signal from external controlling device. The indicator ON and FAULT will light up steady showing the emergency status is in progress. Once the triggering Signal terminates, the device will deactivate the contactor and shift toward normal lighting circuit, the indicator ON and FAULT will turn off.
2. Adjust the test duration of 60,90 or 120 minutes as desired. Turn the key switch to TEST and return automatically to OFF, the device activates the contactor and start the emergency lighting test with preset duration, the indicator ON will light up steady until the test duration is over or the RESET switch is toggled.
3. Turn the key switch to RESET and return automatically to OFF, the in progress test will be stopped and the indicator ON will turn off.

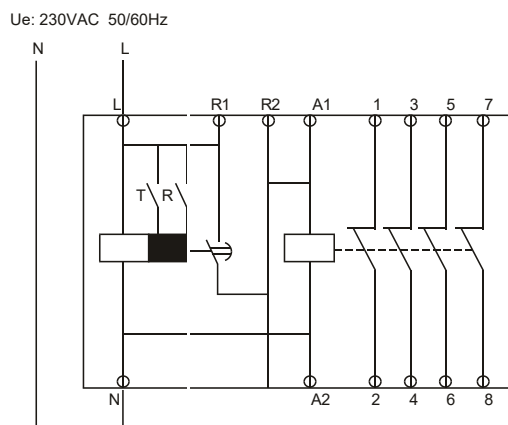
Technical data

TYPE	ELT25
Rated voltage (Ue)	230Vac
Rated frequency	50/60Hz
Power consumption	3W
Contactor output	
Rated current(Ie)	25A
No. of pole	4 N/C
Rated operation voltage(Ue~)	400V
Rated insulation voltage(Ui~)	500V
AC-7a	25A
AC-7b	9A
General data	
Time	60mins, 90mins, 120mins for selectable
Rated insulation voltage	250V
Rated impulse withstand voltage	2.5KV
Working temperature	-20 to +60°C
Storage temperature	-20 to +80°C
Relative humidity	<90%
Pollution class	2
Overvoltage category	3
Waterproof grade	IP20
Mounting	TH35 rail mounting(35*7.5mm)
Mounting position	Vertical / Horizontal
Terminal capacity(mm ²)	5
Weight	350g
Standard	complies with AS/NZS2293.1

Function diagram



Wiring diagram



Terminal L,N: Mains supply input

Terminal R1,R2: External signal input. Such as voltage monitoring relay, fire smoke alarm system, remote control system. Connect **R1,R2** in case there is no external control device.

Terminal 1,2,3,4,5,6,7,8: Output for emergency lighting circuits.

Terminal A1,A2: Extended parallel connection terminal for additional contactors.

Dimension

