

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



ECTDOFF| Single Function true delay OFF time relay

Applications

- Back-up source for Delay OFF in case of voltage failure (emergency lighting, emergency respirators, or the protection of electrically controlled doors in case of fire).

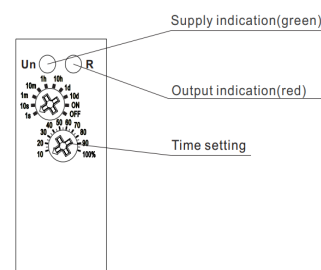
Function Features

- -Time range (adjustable by rotary switch and fine setting by potentiometer):
 - -0.1 s - 10 min.
- -Voltage range: AC/DC12-240V , clamp terminals.
- -Relay status is indicated by LED.
- -1-MODULE,DIN rail mounting.

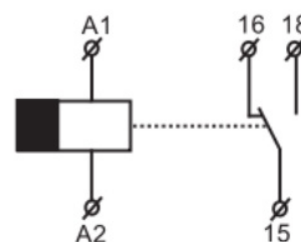


Technical Parameters	ECTDOFF
Function	Delay OFF without supply power
Supply Terminals	A1-A2
Voltage range	AC/DC 12-240V(50-60Hz)
Burden	AC 0.7-3VA/DC 0.5-1.7W
Supply Voltage Tolerance	1.7W-15%;+10%
Supply Indication	green LED
Time ranges	0.1s-10min
Time setting	Potentionmeter
Time deviation	5%-mechanical setting
Repeat accuracy	0.2%-set value stability
Minimum Power Time	200ms
Temperature coecient	0.05%/°C,at=20°C(0.05°F,at=68°F)
Output	1×SPDT
Current Rating	16A/AC1
Switching Voltage	250VAC/24VDC
Min Breaking Capacity DC	500mW
Output Indication	red LED
Mechanical Life	1 x 10 ⁷
Electrical Life (AC1)	1 x 10 ⁶
Reset Time	max.200ms
Operating Temperature	-20°C to +55°C (-4°F to 131°F)
Storage Temperature	-35°C to + 75°C (-22°F to 158°F)
Mounting/DIN rail	Din rail EN/IEC 60715
Protection Degree	IP40 for front panel/IP20 terminals
Operating Position	any
Overvoltage Cathegory	III.
Pollution Degree	2
Max.Cable size (mm ²)	Solid wire max. 1X2. 5 or 2X1.5/with sleeve max. 1X2. 5 (AWG 12)
Dimensions	90 x 18 x 64mm
Weight	66g
Standards	IEC/EN 61812-1,IEC/EN61010-1

Panel Diagram



Wiring Diagram



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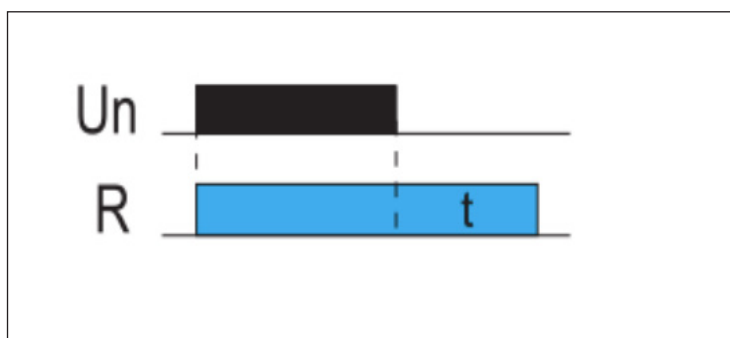
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Functions Diagram



NOTE:

1. Due to the built-in energy storage capacitor, please ensure that the relay is powered on for more than 200ms.

2. Due to the working characteristics of the built-in magnetic latching relay, strong vibration may cause 15-18 to close during transportation. After installation, the delay can be set to 1 second, and then the power can be turned on and off. The relay will be reset after 1 second (15-16 will be closed, 15-18 will be disconnected).

Dimensions (mm)

