

Terminal Protection to IP20

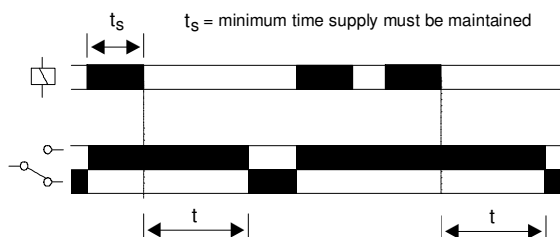


Dims: to DIN 43880
W. 17.5mm

- ❑ ***NEW* 17.5mm DIN rail housing**
- ❑ **True Delay Off timing function**
- ❑ **Adjustment of time delay range**
- ❑ **Dual-voltage input**
- ❑ **1 x SPDT relay output 8A**
- ❑ **Green LED indication for supply status**



FUNCTION DIAGRAM



INSTALLATION AND SETTING

- BEFORE INSTALLATION, ISOLATE THE SUPPLY.
- Connect the unit as shown in the diagram below.
- If 24V AC operation is required then terminals "A1" and "A3" must be linked.



Installation work must be carried out by qualified personnel.

Setting the unit.

- Set the "Delay (t)" adjustment ② as required.

Applying power.

- Apply power and the green LED ① will illuminate.
- The relay will energise and contacts 15 and 18 close.
- When the power is removed, the green LED will extinguish. The relay will remain energised for delay period "t" then de-energise. Contacts 15 and 18 will open.

Note:

The supply must be maintained for a minimum period of 500ms (t_s) for correct operation. For the 10 minute version, the minimum period is 1 second.

TECHNICAL SPECIFICATION

Supply voltage Un (A1, A2, A3¹) <i>(see note)</i>	24V AC/DC ¹ // 110V AC 24V AC/DC ¹ // 230V AC ¹ For 24VAC operation, terminals A1 and A3 are linked		
Frequency range:	48 - 63Hz		
Supply variation:	+/- 15%		
Power consumption (@ 1.15 x Un):	24V	110V	230V
	AC: 1.3VA	2.7VA	12.8VA
	DC: 0.62W	-	-
Timing function:	True Delay Off		
Timing delay (t) options: <i>(see note)</i>	Seconds:	Minutes:	
	0.5 – 10	0.5 – 10	
	1 – 30		
	2 – 60		
Min. power on period (t _s)	500ms		
	1 second (10 minute units)		
Reset time:	200ms		
Repeat accuracy:	± 1% at constant conditions		
Power on indication:	Green LED		
Ambient temp:	-20 to +60°C		
Relative humidity:	+95% max.		
Output (15, 16, 18) :	SPDT relay		
Output rating:	AC1	250V 8A (2000VA)	
	AC15	250V 3A	
	DC1	25V 8A (200W)	
Electrical life:	≥ 100,000 ops at rated load (AC1)		
Housing:	Orange flame retardant UL94 V0		
Weight:	≈ 75g		
Mounting option:	On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.		
Terminal conductor size	≤ 2 x 2.5mm ² solid or stranded		
Approvals:			

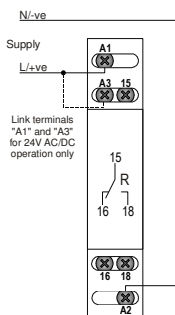
Approvals:

CE, C-tick  and RoHS Compliant.
UL US LISTED IND. CONT. EQ. E111187

Note:

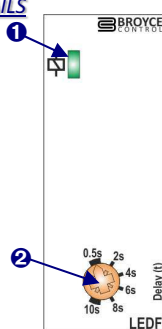
Supply voltage and time delay should be specified at the time of ordering.

CONNECTION DIAGRAM



SETTING DETAILS

1. Power supply status (Green) LED
 2. Time "Delay (t)" adjustment[^]
- [^] 0.5 - 10 second delay version shown on example on the right.



DIMENSIONS

