

Terminal Protection to IP20



- ❑ ***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**

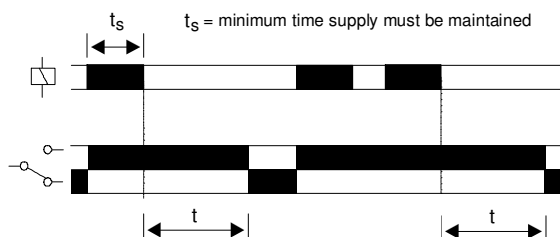
Dims: to DIN 43880
W. 17.5mm

Wiring Information and Product Demonstration Videos can also be found on our YouTube channel

<https://www.youtube.com/user/BroyceControlLtd>



FUNCTION DIAGRAM



TECHNICAL SPECIFICATION

Supply voltage Un (A1, A2, A3 ¹)	24V AC/DC ¹ // 110V AC		
(see note)	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:	Seconds:	Minutes:	
	(see note)	0.5 – 10	0.5 – 10
Min. power on period (ts)	2 – 60		
	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:	Grey 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		

INSTALLATION AND SETTING

Installation work must be carried out by qualified personnel.

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

Setting the unit.

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

Applying power.

- Apply power and the green LED 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.

Terminal conductor size

≤ 2 x 2.5mm² solid or stranded

Approvals:

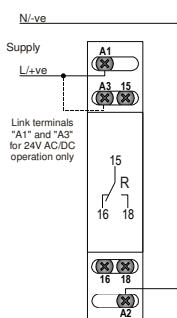
CE, UKCA, C-tick and RoHS Compliant.

US LISTED IND. CONT. EQ. E111187

Note:

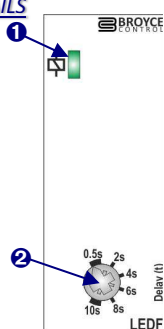
Supply voltage and time delay should be specified at the time of ordering.

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

