Type: LEDF

True Delay Off Timer (Delay On Release)

Terminal Protection to IP20

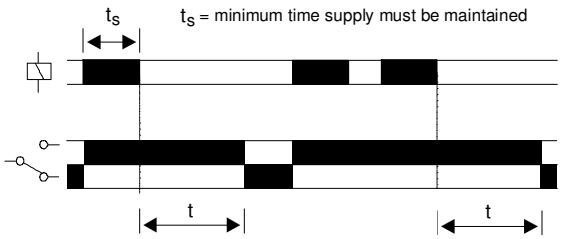


Dims: to DIN 43880
W. 17.5mm

- ***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**

ISO 9001:2015
Cert. No. 14125771

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	
	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 2.5mm² solid or stranded		
Approvals:	CE, C-tick and RoHS Compliant.		
	c UL us LISTED IND. CONT. EQ. E111187		

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

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.

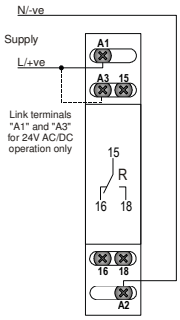
- Set the "Delay (t)" adjustment ❷ as required.

Applying power.

- Apply power and the green LED ❶ 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.

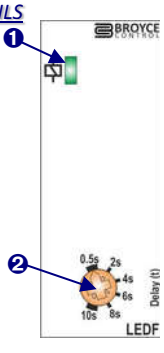
CONNECTION DIAGRAM



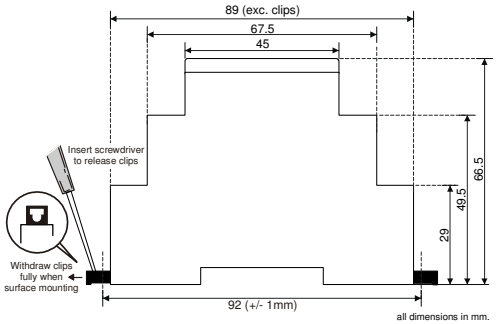
SETTING DETAILS

1. Power supply status (Green) LED
2. Time "Delay (t)" adjustment^

^ 0.5 – 10 second delay version shown on example on the right.



DIMENSIONS



Broyce Control Ltd., Pool Street, Wolverhampton, West Midlands WV2 4HN. England
Tel: +44 (0) 1902 773746 Fax: +44 (0) 1902 420639 Email: sales@broycecontrol.com Web: www.broycecontrol.com

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