

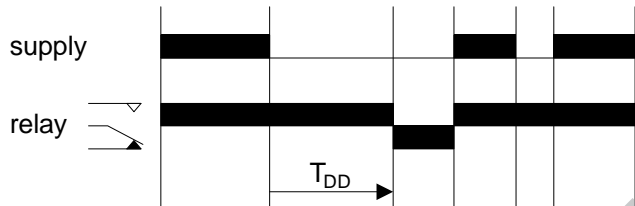
TR1100 series

**DELAY ON DE-ENERGISATION TIME RELAYS
8 PIN PLUG-IN**

A range of time relays for use in general purpose control panel applications. The units are available in a wide variety range of operating voltages and timescales.

The **TR1100** has a true delay-on-denergisation (or 'delay off') action. The relay energises as soon as power is applied. When the power supply is removed, the time period begins; an internal charge store keeps the relay energised (an auxiliary power supply is not required).

The relay remains in the energised position until the end of time period (T_{DD} below). If power is re-applied during the time period, the timer resets and the relay remains energised:-



The time period is set on a user-adjustable, single turn potentiometer on top of the unit. Standard adjustment ranges are:-

- 1, 2.5, 5, 10, 25, 50, 100, 250 and 1000 seconds, or
- 1, 2.5, 5, 10 or 25 minutes.

The unit is available for use with 12VDC, 24VDC, 110VAC or 230VAC power supplies.

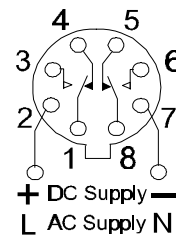
Electrical connection is via an 8 pin (octal) base (not supplied). On standard units, the base locating pip is positioned down in relation to the timescale label. The units are housed in a robust, black polycarbonate case.



Product Specifications

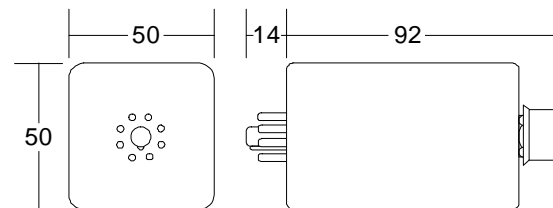
	12VDC	24VDC	110VAC	230VAC
Input/Power supply:				
supply voltage range	9 - 16 VDC	18 - 32 VDC	90 - 130 VAC	190 - 250 VAC
supply frequency range		N/A	50 / 60 Hz.	
power consumption	< 2 W		< 20 VA	
Time settings:				
adjustment ranges	various, up to 25 minutes			
time variability	< 1%			
minimum time setting	approx. 2% of maximum setting			
Relay output:				
contact type	volt free DPCO contacts			
current rating	5 A max. @ 240 VAC (resistive load)			
rated operations	2 x 10 ⁵ operations			
General:				
operating temp. range	-10 to +55°C			
weight	approx 125g			

Connection



Relay shown de-energised

Dimensions



When ordering, please specify:-

- a) Product type number (TR1100)
- b) Power supply voltage
- c) Time range