



TT4800 Multi-range Timers

The Tempatron TT4800 timers are available as delay on energise or true delay on de-energise versions and have multi-range user selectable time ranges, adjustable through a rotary switch.

These timers are housed in a compact DIN48 square enclosure which can either panel mount or surface/DIN rail mount to a socket and they are powered from a choice of AC or DC power options.

The double pole changeover relay output contacts are isolated from the supply voltage and all timers have two LEDs to indicate both power and relay status. Matching Tempatron temperature controllers and tachometer relays are available and all models have a lockable dial to prevent tampering.

Models Available

TT4801 Delay on Energise Timer

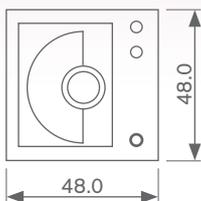
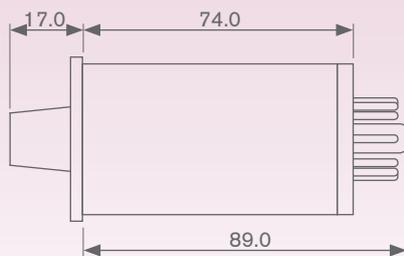
TT4802 True Delay on De-Energise Timer

Product Features

- Multi-range user selectable time ranges
- Time ranges from 3 seconds to 6 hours
- Supply voltages from 24Vdc to 230Vac
- 2 pole changeover relay output
- Standard DIN48 square size
- Plug-in socket or panel mounting
- Matching temperature controllers
- Matching tachometer relays
- Lockable dial to prevent tampering
- Plug-in sockets also available

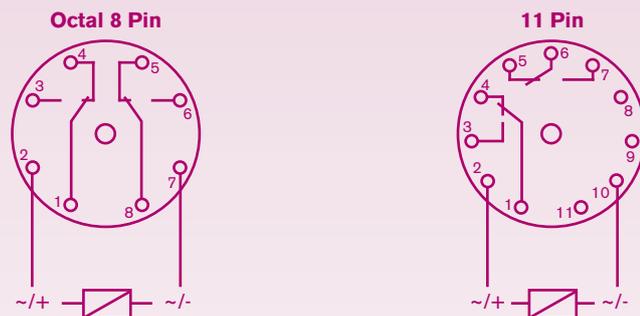
For timing control of machinery, systems and operational processes

Dimensions



Panel cutout 45mm square (-0.0/+0.5)

Connections



Ordering information

Model	Code	Description
	TT4801	Delay on Energise Timer (2 Pole) 6 secs, 60 secs, 6 mins, 60 mins & 6 hours
	TT4802	True Delay on De-Energise (2 Pole) 3 secs, 30 secs, 3 mins & 30 mins

Base	Code	Description
	0	Octal 8 Pin Base
	1	11 Pin Base

Auxiliary Power	Code	Description
	1	230Vac
	2	110Vac
	3	24Vdc

Plug-in Bases	Code	Description
	CDSR08	Octal Rear Screw Panel Socket
	CDSR11	11 Pin Rear Screw Panel Socket
	AZ68	Octal DIN Rail/Panel Mount Socket
	AZ611	11 Pin DIN Rail/Panel Mount Socket
	S8P	Octal DIN Rail/Panel Mount Socket
	S11P	11 Pin DIN Rail/Panel Mount Socket

Example **TT4801-0-1 with CDSR08**

Specification**Repeat Accuracy:**

- $\pm 1\%$ at constant ambient
- Setting accuracy $\pm 5\%$

Power Supply Voltage:

- 24Vdc ($\pm 15\%$)
- 110Vac ($\pm 15\%$)
- 230Vac ($\pm 15\%$)

Minimum Supply Time (TT4802 only):

- 4 seconds

Burden:

- 2W or 4VA

Frequency:

- 50/60Hz

Scale Range:

- 5% to 100% of selected range

Relay Output:

- 2 pole changeover contacts

Contact Rating:

- 5A at 240Vac/30Vdc (resistive)

Electrical Contact Life:

- 100,000 operations at 5A

Mechanical Contact Life:

- 10 million operations at 5A

Reset Time:

- 100ms approx.

Operating Temperature:

- -10°C to 60°C

Enclosure Code:

- Case IP40

Weight:

- 200g

Markings:

- CE marked (meets EN61010-1 low voltage and EN50081-1/50082-1 EMC directives)

Specification subject to change without notice.

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