


Tempatron Tel: +44(0)1621 859500 Fax: +44(0)1621 855335

# TT4800 Multi-range Timers

**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

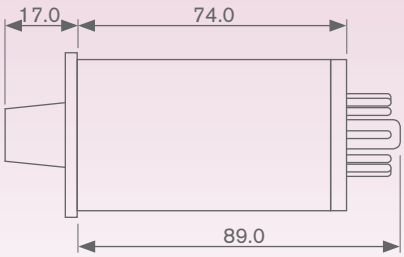
The Tempatron TT4800 timers are available as delay on energise or true delay on de-energise versions and have multi-range user selectable time ranges, adjustable through a rotary switch.

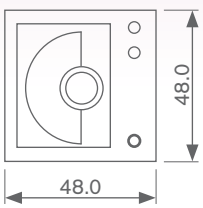
These timers are housed in a compact DIN48 square enclosure which can either panel mount or surface/DIN rail mount to a socket and they are powered from a choice of AC or DC power options.

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.

## For timing control of machinery, systems and operational processes

**Dimensions**



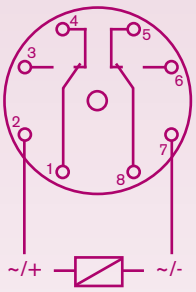




Panel cutout 45mm square (-0.0/+0.5)

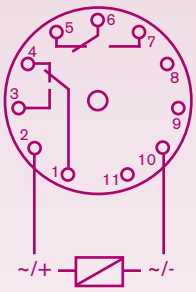
All dimensions in mm

**Connections**

**Octal 8 Pin**




**11 Pin**



## Ordering information

| Model | Code | Description |
|---|---|---|
| | TT4801 | Delay on Energise Timer (2 Pole)<br>6 secs, 60 secs, 6 mins, 60 mins & 6 hours |
| | TT4802 | True Delay on De-Energise (2 Pole)<br>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:**
- ±1% at constant ambient
- Setting accuracy ±5%

**Power Supply Voltage:**
- 24Vdc (±15%)
- 110Vac (±15%)
- 230Vac (±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.

Tempatron: Eltime House, Hall Road, Maldon, Essex, CM9 4NF UK.

TEMPATRON

Tempatron Industrial Controls is a division of Eltime Ltd.

© Eltime Ltd. Tempatron TT4800 Timers 04/2011