

# ANALOGUE TIMERS

## TT4800 SERIES MULTI-RANGE TIMER



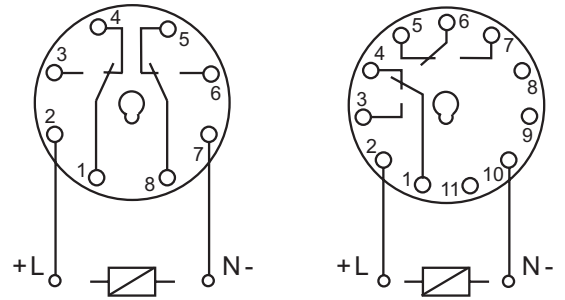
- Up to 5 selectable time ranges
- Dual, 5 Amp output relay contacts
- 24Vdc, 110Vac & 230Vac supply options
- Lockable dial to prevent tampering
- CE emc and low voltage compatible

The TT4800 timer range has been styled to match the TC4800 temperature controllers and TR4800 tachometer relays. Delay on and true delay off operating modes are available, each with multi-time ranges adjustable from a rotary switch. All models have a lockable dial to prevent tampering.

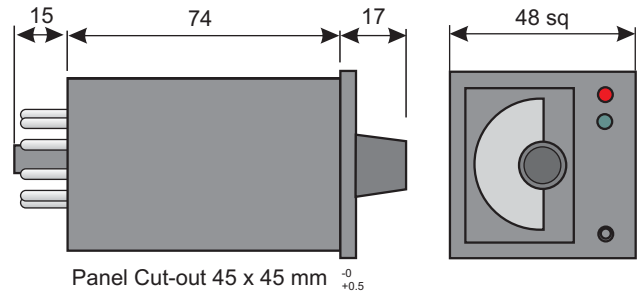
### SPECIFICATION

Supply voltage: 24Vdc, 110Vac, 230Vac @ 50/60 Hz  
 Min. Supply time: 4 secs (TT4802 - TDD models only)  
 Power drain: 2W or 4VA  
 Supply limits: +/- 15% of supply voltage  
 Timing modes: Delay on energise or true delay off  
 Timing ranges: Multi-range: 6S, 60S, 6M, 60M, 6H for TT4801. 3S, 30S, 3M, 30M for TT4802  
 Scale range: 5% to 100% of selected range  
 Calibration: -0 to +5% of full scale range  
 Repeat accuracy: 1% of scale value  
 Reset time: 100msec  
 Output config: DPCO relay contacts  
 Output rating: 5A/240Vac or 30Vdc resistive  
 Electrical life:  $1 \times 10^5$  ops at rated load  
 Mechanical life:  $10 \times 10^6$  ops.  
 Operating temp: -10°C to +60°C  
 CE compatibility: Meets EN61010-1 low voltage and EN50081-1/50082-1 emc directives  
 Weight: DE 150gms, TDD 160gms

### CONNECTION DIAGRAMS



### DIMENSIONS



### Part Numbering Options : TC48AB - C D

AB	Timer mode	DE TDD	01 02
C	Base	8 pin 11 pin	0 1
D	Voltage	230Vac 110Vac 24Vdc	1 2 3

### STANDARD ITEMS

Model	Base	Voltage	Part Number
Delay-On	8 pin	230Vac	TT4801-01
		110Vac	TT4801-02
		24Vdc	TT4801-03
True Delay-Off	11 pin	230Vac	TT4801-11
		110Vac	TT4801-12
		230Vac	TT4802-01
True Delay-Off	8 pin	110Vac	TT4802-02
		24Vdc	TT4802-03
		Wiring socket - panel mount	8 pin
Wiring socket - panel mount	11 pin	AZ511	
Wiring socket - DIN rail	8 pin	AZ68	
Wiring socket - DIN rail	11 pin	AZ611	

For matching temperature controllers and tacho-relays ask our sales office for details of our TC4800 and TR4800 ranges.