

TD48 1/16 DIN DUAL DIGITAL TIMER



- 9 Programmable modes
- 6 Timing ranges
- Security code
- 2 Timed or 1 timed + 1 instantaneous contact
- Programmable reset function
- External hold & reset
- LED status & timing indicators

The TD48 programmable timer, packaged in a standard 1/16 DIN (48 x 48mm) housing, is an extremely versatile product offering nine operating modes applied to two timed output relay contacts. When only one of the timers is being used, the other output acts as an instantaneous set of changeover contacts. The single model provides timing from 0.1 seconds to 100 hours.

SPECIFICATION

Timing ranges: 0 to 999.9 secs, 0 to 9999 secs, 0 to 9999 mins, 0 to 99 mins 59 secs, 0 to 99 hrs 59 mins, 23:59 in 24 hr clock mode

Timing modes: DE, DDE, DP, CCT, DE-2, IT-2, DE-IT, DD-2, 24 hour clock

Supply voltage: 12-24Vac/dc (110Vac & 240Vac via transformers TRA11/12)

Supply variation: +/- 10% of supply voltage.

Battery back-up: External 3Vdc to retain clock on 24H mode only at loss of supply voltage.

Power drain: 3VA max.

Contact ratings: OP1: 8A @ 240Vac, OP2: 5A @ 240Vac resistive.

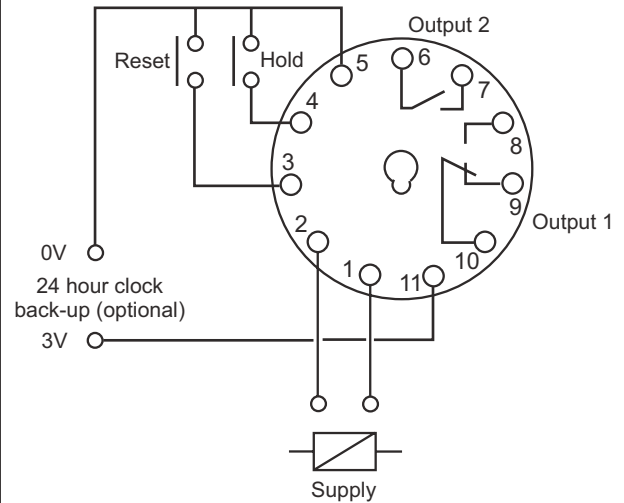
Reset time: 100 msecs max.

Ambient cond: Working temp: 0 to 50°C, Storage temp: 0 to 70°C

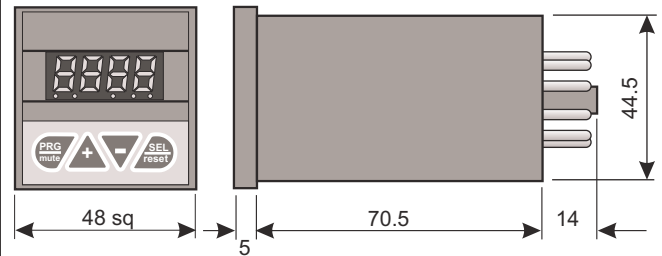
Approvals: Complies with CE directives EN50081-1 & EN50082-1 for emc and EN61010-1 for low voltage.

Weight: 150gms

CONNECTION DIAGRAM



DIMENSIONS



Panel Cut-out 45 x 45 mm^{-0 +0.5}

STANDARD ITEMS

Model	Part Number
All modes and times, 12-24Vac/dc	TD48ML
Wiring socket - panel mount	AZ511
Wiring socket - DIN rail	AZ611
240V Power supply transformer	TRA11
110V Power supply transformer	TRA12