

DIGITAL TIMERS

UDT 1/16 DIN UNIVERSAL DIGITAL TIMER



- 6 Timing modes, including asymmetric cycle
- 6 Time ranges from 0.1 sec to 99.9 hrs
- LCD display of programmed functions
- 18 to 264 Vac/300Vdc supply
- Panel mounting or plug-in
- Complies with EEC directives

The UDT is a multi-function, multi-time range, digital timer which may be powered from 18 to 264 Vac or dc. This single product is therefore suitable for almost any industrial application including those driven from 24 Vdc batteries such as diesel generators, pumps, and back-up supplies. An internal Lithium battery ensures that user settings are retained in the event of power failure and, because of its low power consumption, the UDT can be programmed without a supply prior to installation.

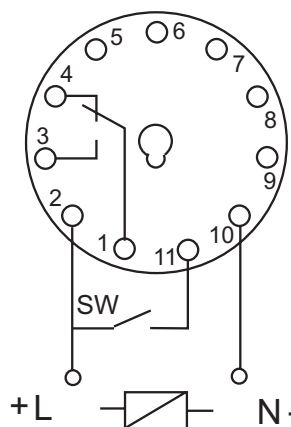
SPECIFICATION

Power supply: 18 to 300Vdc & 18 to 264Vac at 47- 440Hz.
 Battery life: 7 to 10 years depending on use
 Time ranges: 0.1 to 9.99 sec, 0.1 to 99.9 sec, 0.01 to 9.99 min, 0.1 to 99.9 min, 0.01 to 9.9 hrs, 0.01 to 99.9 hrs
 Timing modes: DE, DD, DP (250msec), INT, ICY, CY
 Scale accuracy: +/-0.5% or 20msecs, whichever is greatest.
 Repeat accuracy: +/-0.3% of set time.
 Output rating: SPCO relay rated 10A @ 30Vdc/240Vac resistive (limited to 7Amps by socket).
 Electrical life: 200,000 operations at rated load.
 Isolation: 1500Vac/50Hz for 1 minute.
 Approvals: Meets the EEC directives for emc EN50081-1 & EN50082-1 and low voltage EN61010-1
 Operating Temp: -20°C to +60°C
 Weight: 200gms

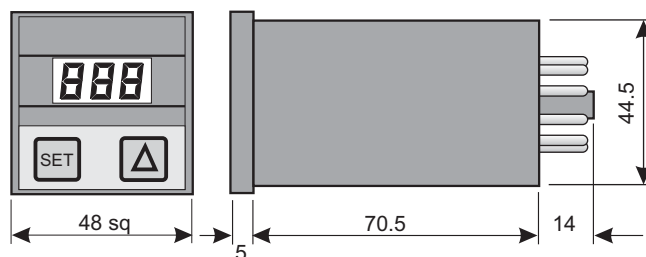
Note :

This product contains a Lithium battery which must not be cut open, incinerated, exposed to temperatures above 60°C or recharged. When faulty, it must be disposed of in accordance with local regulations.

CONNECTION DIAGRAM



DIMENSIONS



Panel Cut-out 45 x 45 mm ⁰/_{+0.5}

STANDARD ITEM

Model	Part Number
All voltages, modes and times	UDT
Wiring socket - panel mount	AZ511
Wiring socket - DIN rail	AZ611

For matching temperature controllers, ask our sales office for details of our DTC410 range.