

TT49 DIGITAL TIMER



FEATURES

SYMMETRICAL OR ASYMMETRICAL TIMER IN A 1/16TH DIN SIZED PACKAGE.

12, 24, 110 OR 230 VOLT SUPPLY

VOLT FREE OR VOLTAGE INPUTS FOR REMOTE START/STOP/RESET

1 OR 2 RELAY OR SSR OUTPUTS

4 DIGIT LED DISPLAY

BATTERY BACKUP OPTION

UL APPROVED

48 MM X 48 MM PANEL SIZE

SPECIFICATIONS

Mechanical Characteristics

Housing	Self-extinguishing plastic, UL 94 V0
Dimensions	48x48x98mm (1/16DIN)
Weight	200g
Connections	2,5 mm ² screw terminal block
Mounting	Panel Cutout 45x45 mm
Front Panel Protection	IP 54 mounted in panel with gasket

Electrical Data

Power Supply	12, 24 VAC/DC, 100-240 VAC +/-10%
AC Frequency	50 / 60 Hz
Power Consumption	2 VA approx.
Battery	Inside 3,6 V - Rechargeable
Voltage Input Consumption	1 mA max.

Input Data

Digital Input	2 inputs for free voltage contacts <i>or</i> 2 inputs for voltage signals (same as power supply)
Input Time Delay	15 msec. max

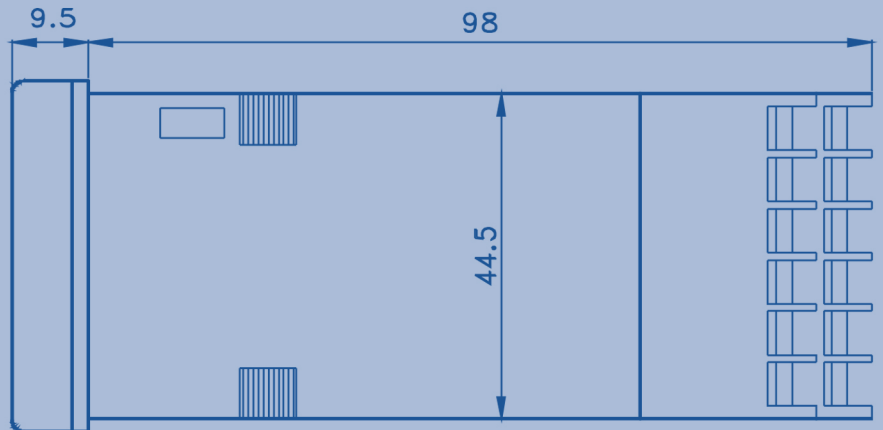
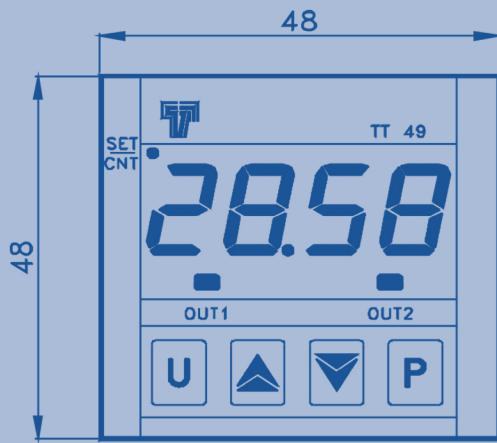
Output Data

Relay	Up to 2 outputs SPDT (8 A-AC1, 3 A-AC3 / 250 VAC)
Relay Electric Life	100000 operations
Solid State Relay	Up to 2 outputs 12 VDC / 15 mA for SSR driving

Functional Data

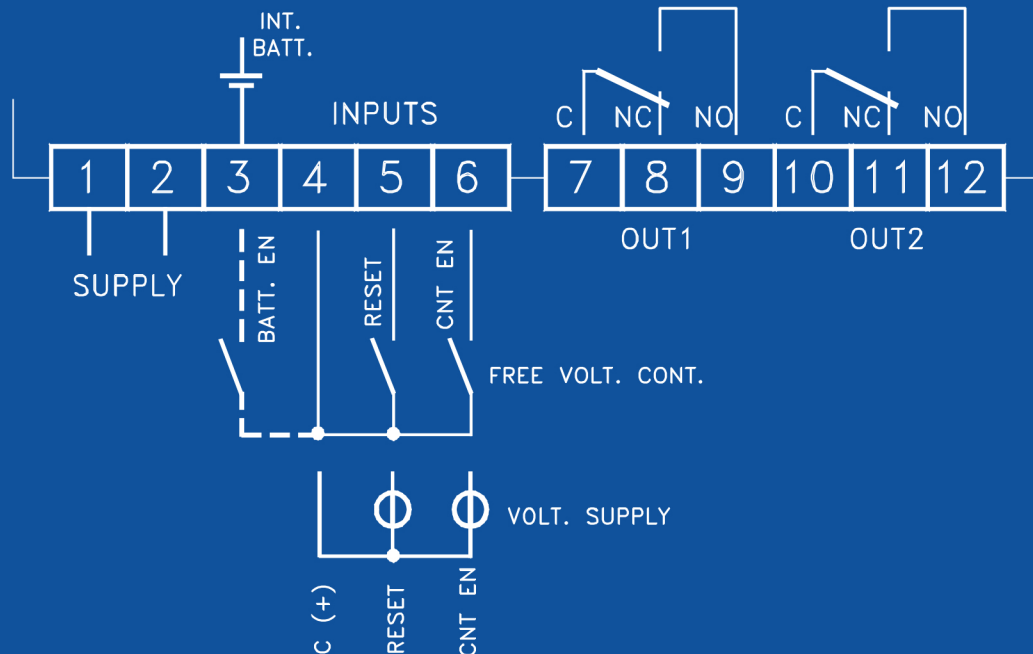
Programmable Functions	OUT1: Delayed - Feed through - Asymmetrical Oscillator with Start off or Start on - Single cycle Oscillator OUT2: as OUT1 - as OUT1 but with a second independent time - as OUT1 but with a second relative time
Programmable Time Range	9999 hours - 99 hours 59 minutes - 99 minutes 59 seconds - 99 seconds 99 centiseconds
Counting Mode	UP or DOWN
Display Resolution	According to the used scale: Hours - Minutes - Seconds - Centiseconds
Overall Accuracy	+/- 0.1 % full scale
Counting Autonomy in case of Power Failure	Approximately 10 hrs. with full charged inside battery
Display	4 red digit h=12 mm
Operating Temperature	0...50°C
Operating Humidity	30...95 RH% without condensation

MEASUREMENTS



ELECTRICAL CONNECTIONS

RELAY: 8A-AC1 (3A-AC3) 250 VAC
SSR: 12 VDC / 15 mA



HOW TO ORDER

USE THIS GUIDE TO
FIND THE PART
NUMBER OF
THE PRODUCT YOU
WANT

1 - MODEL

TT49 - 48 X 48 (1/16 DIN)

2 - POWER SUPPLY

F - 12 VAC/DC
L - 24 VAC/DC
H - 100-240 VAC

3 - INPUT

V - Voltage as power supply
C - Free voltage contacts

4 - OUTPUT 1

R - Relay
O - 12 VDC for SSR

5 - OUTPUT 2

R - Relay
O - 12 VDC for SSR
- - None

6 - BATTERY

B - With Battery
- - Without Battery