

TIME SWITCH

24H ANALOGUE FLAT FACE



TIMER-TS/24H/AF

SPECIFICATIONS

Supply Voltage:

- 230Vac (50-60Hz)

Maximum Current Rating:

- 16A (AC1)
- 2.5A (AC3)

Switching Functions:

- Auto/Off/Manual

Minimum Switch Interval:

- 30 minutes

Clock Type:

- Quartz crystal

Switching Voltage:

- 240Vac

Battery Back-Up:

- 100 hours (non-replaceable lithium battery)

Max. Cable Capacity:

- 4mm

Operating Temperature:

- -0 - 50°C

Mounting:

- DIN Rail

Dimensions:

- 90 x 52 x 64mm (LxWxH)

IP Rating:

- IP20

IMPORTANT INFORMATION

- All electrical installations must be carried out by a qualified electrician, in accordance with Australian Standards and local regulations.
- All electrical installations must be compliant with Australian and New Zealand wiring rules AS/ NZS3000.
- After installation, the terminals must not be accessible without the use of dedicated tools.
- Before accessing the connection terminals, ensure that the mains supply is isolated.
- Do not connect or operate the device if any part is damaged.
- Use the device only for its intended purpose.
- An overcurrent protection device shall be installed upstream of the device within the electrical system.

WARRANTY INFORMATION

This MATElec Time Switch is designed for use inside a switch board and is to be wired and installed by a qualified person in compliance with the relevant state/territory and national legislature and standards.

The device is warranted for a period of 12 months, to be free of defects in materials or workmanship, under normal use. In the event of a warranty issue, please contact MATElec Australia via email, customer@matelecaustralia.com.au

Layout & Dimensions

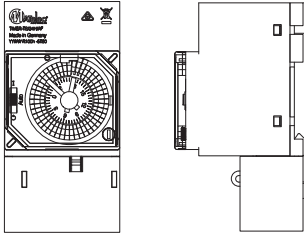


Figure 1: Line Drawings

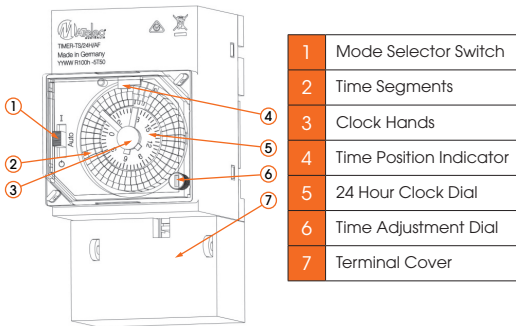


Figure 2: Device & Terminal Layout

Wiring Instructions

Note: To meet the prescribed minimum output protection, a Class B 16A Circuit Breaker must be used.

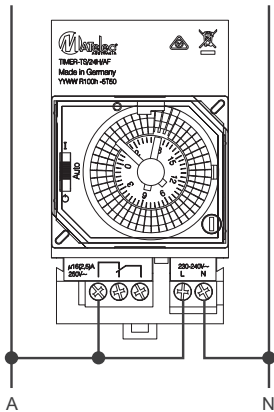


Figure 3: Wiring Diagram

Battery Disposal

Contains a non-replaceable battery. Dispose of in accordance with local state/territory regulations—do not place in household waste.

Control & Indication

Mode Selector Switch (Item 1 – Figure 2):

"I" – Permanently ON

"O" – Permanently OFF

"Auto" – Operates according to the programmed schedule

Clock Hands / Time Indicator (Item 3 – Figure 2): Show the current time.

Centre Dial (Item 5 – Figure 2): Indicates 24-hour time (AM/PM).

Blue Segments (Item 2 – Figure 2): Divide the 24-hour day into 30-minute intervals for programming.

Operation

Setting the Current Time

The two clock hands (Item 3 – Figure 2) display the current time in the same manner as an analogue clock.

Use the time adjustment dial (Item 6 – Figure 2) to rotate the hands until they show the correct local time.

Note: Do not rotate the clock hands directly. Always use the time adjustment dial.

The centre 24-hour dial indicates whether the displayed time is AM or PM.

Setting a Time Program

The 48 segments around the 24-hour dial (Item 5 – Figure 2) represent the day in 30-minute intervals.

Set the required ON times by sliding the corresponding segments outward. These segments turn the output ON and OFF as the dial rotates.

The timer operates only when the selector switch is set to Auto.

After programming, check that the clock hands move freely.

Distributor



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