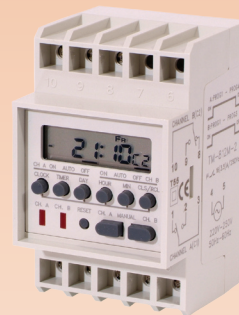


Digital Timeswitch - 2 Channel

The TM812 digital timeswitch offers quartz accuracy and flexibility making it suitable for a large range of industrial control applications. The timeswitch can be powered from a large choice of AC or DC auxiliary power options, has two independently programmable voltage free changeover relay contacts and can be DIN rail or surface mounted.

In the event of a mains shut down or power failure the TM812 will maintain programme memory and continue to operate, accurate to the second, due to a 500 hour battery power reserve. The TM812 is very simple to programme each channel through a step-by-step push button sequence and flexible programming enables individual day or weekend programs. The timeswitch has a permanent override function and two LED's to indicate each channel relay status.



Models Available

TM812 LCD 2 Channel Digital Timeswitch

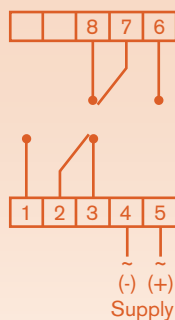
Product Features

- 2 independent channels
- Quartz accuracy
- Up to 7 on and 7 off operations
- 1 minute minimum switching interval
- Daily, 7 day week, 5 day week and weekend modes
- Liquid crystal display
- DIN rail or surface mounting
- Screw type terminals
- 500 hour lithium battery reserve
- Programming instructions supplied

For dimensions see page 7

For digital timing control of daily or weekly events and processes

Connections



Ordering information

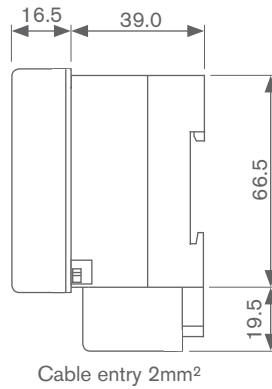
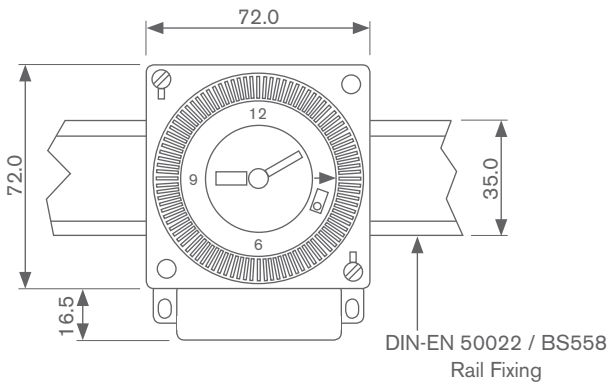
Code	Timeswitch Type	Auxiliary Voltage
TM812	Digital Timeswitch - 2 Channel	-
Specify	-	12 or 24Vac/dc
Specify	-	110, 230 or 415Vac
Specify	-	Other (specify)
Example	TM812	230Vac

Specification

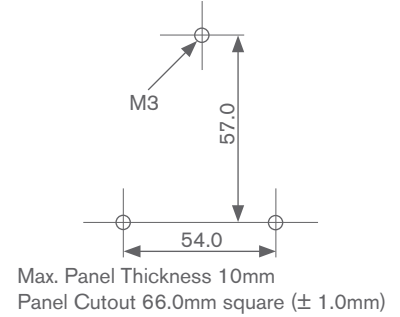
- Accuracy:**
- ± 1 sec in 24 hours (quartz timebase)
- Display:**
- Liquid crystal - 6mm high characters
- Supply Voltage:**
- 12Vac/dc, 24Vac/dc (-15% to +10%)
 - 110, 230, 415Vac (-15% to +10%)
- Burden:**
- 6VA (AC) or 1.5W (DC)
- Frequency:**
- 45 to 65Hz or DC
- Battery Reserve:**
- 500 hours (display/memory, not output)
- Relay Output:**
- 2 voltage free changeover relay contacts
- Contact Rating:**
- 16A (resistive), 3A (inductive/capacitive)
 - 250Vac maximum
 - Contact life 10,000,000 operations
- Operating Temperature:**
- -10°C to 45°C
- Enclosure:**
- 52.5mm wide flame retardant grey ABS
 - 35mm DIN rail (DIN-EN 50022) or surface mounting
 - IP40 enclosure code
- Weight:**
- 140g
- Markings:**
- CE marked
- Specification subject to change without notice.

Dimensions

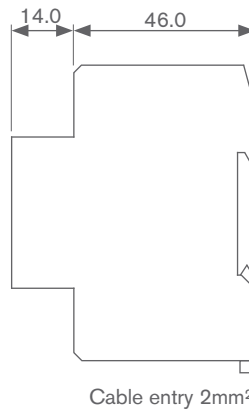
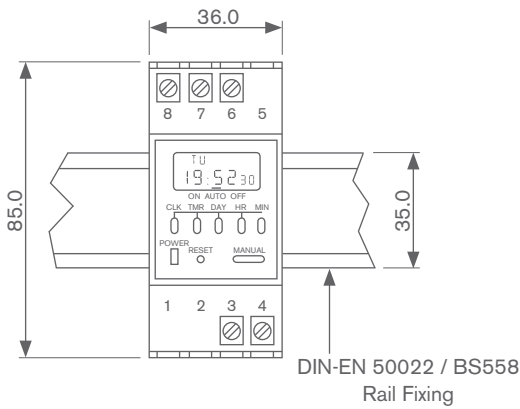
TM195 Enclosure



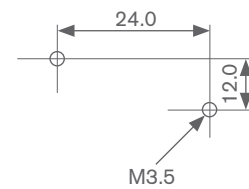
Dimensions for Surface Mounting



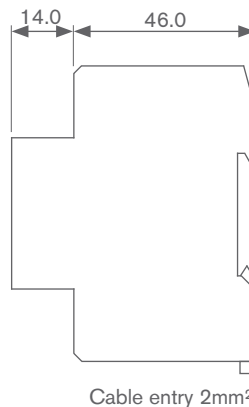
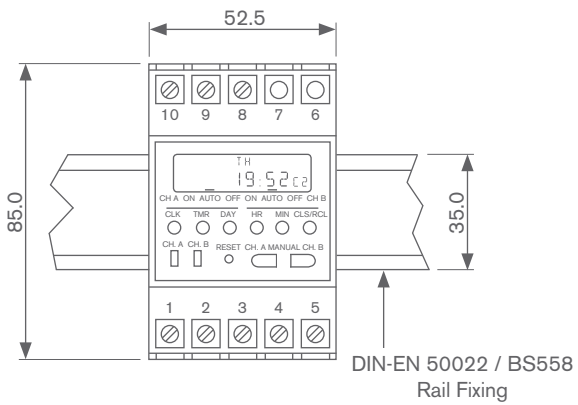
TM848 Enclosure



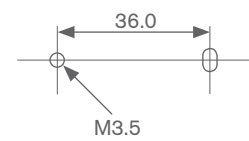
Dimensions for Surface Mounting
Adaptor Plate



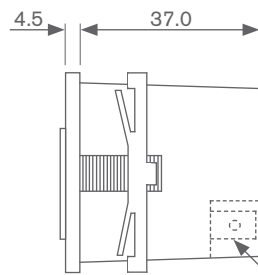
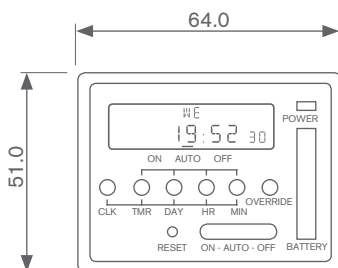
TM812 Enclosure



Dimensions for Surface Mounting
Adaptor Plate



TM823 Enclosure



Max. Panel Thickness 10mm
Panel Cutout 60mm x 47.0mm (± 1.0 mm)

All dimensions in mm