



mechanical daily immersion timer



# TIMER

## POWER

time control for 16 amp hardwired appliances. Ideal for immersion heaters. With manual override and power indicator.

### FEATURES

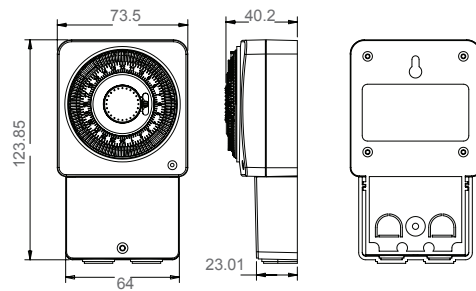
- General purpose timer to offer complete control
- Ideal for immersion heaters, towel rails and lighting
- Integrated clock face for easy time setting
- Red pins offer mechanical timer control in 15 minute intervals
- 24 hour control
- Cable grip
- Red LED activates when the timer is receiving power
- Manual override
- Two fixing points
- Easy to install, complete with instructions

### PRODUCT IMAGES



TMIHMEC

### LINE DRAWING



### PRODUCT INFORMATION

Part Number	TMIHMEC
Product Dimensions	Height 124mm x Width 73.5mm x Depth 40mm

### TECHNICAL SPECIFICATIONS

Standard(s)	This product is certified to applicable British safety standards EN60730-2-7	
Operating Temperature	0°C to 40°C	
Rating	16(2)A 240V~, 50Hz	
Operating Time	Continuous	
Maximum Load	16(2)A, 3840 Watts (2AX Inductive Load)	
Terminal Capacity	1.5mm <sup>2</sup> – 2.5mm <sup>2</sup> Flexible Cable	
Time Period	24 Hours	
Pollution Degree	2	
Power ON Light	Yes	
Rated Impulse Voltage	4 kV	
Temperature of Ball Pressure Test	Category D	

### ENVIRONMENTAL PROTECTION

This symbol is known as the 'Crossed-out Wheelie Bin Symbol'. When this symbol is marked on a product or battery. It means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.



## INSTALLATION INSTRUCTIONS

**IMPORTANT – PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE.**

### Safety Warning

"For your safety, this product must be installed in accordance with local building regulations. If in any doubt, or where required by the law, consult a competent person who is registered with an electrical self-certification scheme. Further information is available online or from your Local Authority.

Please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply is switched off at the mains either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IET regulations (BS 7671). To prevent fire hazard always use cable of the correct rating, size and type for the application.

Any bare earth wires must be covered with appropriate green/yellow sleeving.

Warning do not exceed the load rating of this device as stated on the rear of the product.

**If in doubt consult a competent electrician.**

### Wire Identification

Note: - as of 1st April 2004, new colour codes for hard wire installations was introduced.

EARTH = Green / Yellow sleeving

NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)

LIVE = Red (pre Apr 04) / Brown (after Apr 04)

### Wall Fixing Instructions

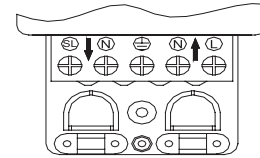
The timer should be fixed to the wall by two locations. Wall fixing can be carried out before or after wiring. Wall fixings are not included.

### Wiring Instructions

1. Switch off the power to the circuit at the consumer unit before starting any electrical work.
2. Unscrew the fixing screw to remove the cover at the bottom of the timer, exposing the terminals.
3. For bottom cable entry, carefully remove the knockouts with a suitable tool.  
Ensure that the edge of the knockout is smooth and suitable for the cable.
4. Cut and remove the cable sheathing to suit the timer and terminal positions.
5. Use the cable clamps to secure the cable in position.
6. Insert the bare ends of cable into the terminals as per the diagram below.
7. Fully tighten the terminal screws and make sure that no bare copper is exposed outside of the terminal.
8. Refit the cover.
9. Restore the power to the circuit at the consumer unit.

### Operating Instructions

1. Push down the red segments on the timer face corresponding to the operating time needed. One segment is equal to 15 minutes.
2. Turn the central clock face so that it is the current time or rotate the outer disk clockwise so that the solid black arrow points to the current time.
3. To activate the timer function, ensure that the switch on the side is in the centre and so indicating the timer symbol
4. For manual override, to switch on the heater, move the switch to the up position so that it indicates the ON symbol (I)
5. The LED indicator will illuminate to show that power is being supplied to the connected equipment.



↓ = to appliances

↑ = from power

N = neutral

L = live

⊕ = earth