Timer Range

TC32V & TC15 Series

Installation Instructions
TC32V Series

Wiring Timer Switches

**RED ACTIVE** cable. Connect to terminal marked ‘A’.

Twist **BLACK NEUTRAL** cables together. Connect to terminal marked ‘N’.

**RED SWITCH** wire. Connect to terminal marked ‘SWITCH WIRE’.

Factory connected **BROWN** cables are not to be disturbed unless converting to horizontal mounting.

**NOTE:** For horizontal mounting, remove terminal housing and switch mechanisms, and replace in the most convenient orientation to facilitate rewiring. Replace terminal housing.

TC15 Series

Wiring Timer Switch Sockets

**GREEN/YELLOW** stripe **EARTH** cable. Connect to terminal marked ‘E’ with **GREEN** dot.

**BLACK NEUTRAL** cable. Connect to terminal marked ‘N’.

Factory connected **BROWN** cables. Not required to be disturbed.

**RED ACTIVE** cable. Connect to terminal marked ‘A’.

Mounting Timer Switch Sockets

**Flush Mounting**
Mount bracket to wall box with M3.5 x 0.8 screws supplied.

**Surface Mounting**
Fit the bracket to surface via any of the holes provided. Enter cables or conduit into cut-outs provided in sides of switch socket.

Mount accessory to mounting bracket with M 3.5 x 0.8 screws supplied. Insert caps.
Setting and Adjusting Clocks

PLEASE NOTE:

1. When setting clock, turn dial in direction of arrow only. Failure to do so will strip clock gears and void warranty.

2. Timer range suitable for use within temperature limits of -20°C to 50°C.

3. Fluorescent lamps, metal halide, high pressure sodium or mercury vapour lamps require operation via a contactor.

1 Hour Timer

To set switching cycle, insert a GREEN marker in the hole at the time you want power ‘ON’. Insert a RED marker in the hole at the time you want power ‘OFF’.

Minimum time between ‘ON’ and ‘OFF’ is to be four graduations (holes) or 2.5 minutes. Repeat for the number of ‘ON/OFF’ operations required. The same number of RED and GREEN markers must be used. Spare markers may be held in holes, in centre of dial.

After installation, or after an interruption of power supply, the timer has to be set to the correct time. To set the timer, turn the dial clockwise in the direction of the arrow at least one complete turn so that the correct time is opposite the arrow ‘B’. Each graduation hole marked ‘A’ represents 37.5 seconds.

24 Hour Timer

To set switching cycle insert a GREEN marker in the hole at the time you want power ‘ON’. Insert a RED marker in the hole at the time you want power ‘OFF’.

Minimum time between ‘ON’ and ‘OFF’ is to be four graduations (holes) or 1 hour. Repeat for the number of ‘ON/OFF’ operations required. The same number of RED and GREEN markers must be used. Spare markers may be held in holes in centre of dial.

After installation, or after an interruption of power supply, the timer has to be set to the correct time. To set the timer, turn the dial clockwise in the direction of the arrow at least one complete turn so that the correct time is opposite the arrow ‘B’. Each graduation hole marked ‘A’ represents 15 minutes, (number 6 represents 6:00am and number 18 represents 6:00pm. Illustration shows clock set at 4:00pm.

Clock now indicates

- Clock now indicates
  - ON at 7 minutes 30 seconds
  - OFF at 13 minutes 7.5 seconds
  - ON at 17 minutes 30 seconds
  - OFF at 20 minutes 37.5 seconds
  - ON at 32 minutes 30 seconds
  - OFF at 47 minutes 30 seconds

Clock now indicates

- Clock now indicates
  - ON at 9:00am
  - OFF at 10:15am
  - ON at 12:15pm
  - OFF at 1:30pm
  - ON at 4:00pm
  - OFF at 5:30pm

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Setting and Adjusting Clocks (continued)

7 Day Timer

To set switching cycle, insert a GREEN marker in the hole at the time you want power ‘ON’. Insert a RED marker in the hole at the time you want power ‘OFF’.

Minimum time between ‘ON’ and ‘OFF’ is to be four graduations (holes) or one hour. Repeat for the number of ‘ON/OFF’ operations required. The same number of RED and GREEN markers must be used. Spare markers may be held in holes, in centre of dial.

After installation, or after an interruption of power supply, the timer has to be set to the correct time. To set the timer, turn the dial clockwise in the direction of the arrow at least one complete turn so that the correct time is opposite the arrow ‘B’. Each graduation hole marked ‘A’ represents two hours, (number 6 represents 6:00am and number 18 represents 6:00pm. Illustration shows clock set at Sunday 6:00am.

**NOTE:** If additional markers are required for extra switching cycles, they may be obtained free from any wholesaler.

Clock now indicates

|      | Saturday | Sunday | Monday | Noon | Monday | 6:00pm | Tuesday | Noon | Tuesday | 8:00pm | Thursday | 6:00am | Thursday | Noon | Friday | 6:00am | Friday | 2:00pm | Friday | 8:00pm | Saturday | 2:00am |
|------|----------|--------|--------|------|--------|--------|---------|------|---------|--------|----------|--------|----------|------|--------|--------|--------|--------|--------|----------|--------|
| **ON** | 8:00pm | 2:00am | Noon | 6:00pm | Noon | 8:00pm | 6:00am | Noon | 6:00am | 2:00pm | 8:00pm | 2:00am |