

TM195

24 HOUR QUARTZ ANALOGUE TIMESWITCH

OPERATING INSTRUCTIONS

1. INSTALLATION

(a) Mounting

Surface Mount

Remove the transparent front cover. Unscrew the front corner screws (located in the bottom left and top right corners). Separate the base enclosure from the front enclosure, remove and retain the terminal shroud and then remove the black timeswitch movement from the base. Fix the base enclosure to the wall with suitable screws and refit the black timeswitch movement (ensuring this is pushed firmly back into location). Refit the front enclosure and tighten the two corner screws.

DIN Rail Mount

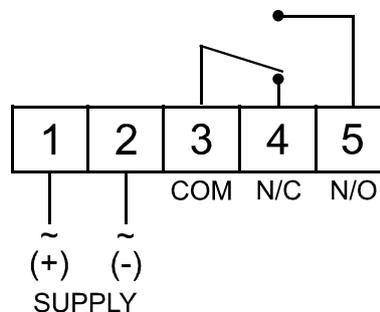
Remove the transparent front cover. Remove and retain the terminal shroud. Using a screwdriver, lower the DIN rail clip downwards, locate the timeswitch on to the DIN rail and push the DIN rail clip back into position, securing the timeswitch onto the DIN rail.

Panel Mount

Remove the transparent front cover. Unscrew the front corner screws (located in the bottom left and top right corners). Separate the base enclosure from the front enclosure, then remove and retain the terminal shroud. Position the front enclosure through the hole in the panel, refit to the base enclosure and tighten the two corner screws. With a screwdriver, push and rotate the two corner securing clips which hold the timeswitch into the panel.

(b) Connect the timeswitch to the power supply - see wiring connections below. **The installation and assembly of electrical equipment should only be carried out by a skilled or qualified person.** Replace the terminal shroud onto the base and replace the transparent front cover.

WIRING CONNECTIONS



2. PROGRAMMING

(a) Rotate the outer clock face until the analogue clock hands in the middle of the clock face show the correct time and the 'TIME NOW' arrow is pointing at the correct time on the 24 hour clock marked around the outer clock face.

(b) Push the white tappets outwards for all the ON time segments (when the output relay will be energised), leaving the white tappets towards the inside of the circle for all the OFF time segments (when the output relay will be de-energised).

Note: Each white tappet represents a 15 minute time period (the minimum switching interval).

(c) The red indicator on the clock face should be set to the AUTO position, indicating that the timeswitch output will switch ON and OFF following the programmed time settings. This red indicator can be switched to the ON position for manual override control (permanently energising the output relay).

Note: If the power supply is removed or fails, the timeswitch will continue operating for 20 hours after an uninterrupted 48 hours of charge.