



TC24HR Manual

Block 8 Hulbert Drive, Grazebrook
Industrial Estate, Dudley, West
Midlands, England, DY2 0BE

TIME SWITCH

DESCRIPTION

Time switch controls any electrical installation by means of daily programs.

INSTALLATION

Attention:

Electrical devices must be installed and assembled by an authorized installer.

They should be installed in switchboard cabinets made of 35mm symmetric sections in accordance with EN 50022.

The switch is protected internally against interference by a safety device, however, particularly strong electromagnetic fields may alter its operation.

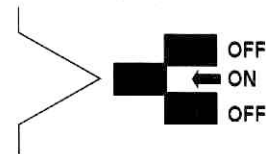
Such interference can be avoided by adhering to the following recommendations during the installation:

- The device should not be installed near inductive loads (motors, transformers, contactors, etc...).
- A separate power line is recommended (equipped with a network filter if necessary).
- Inductive loads should be equipped with interference suppressors (varistor, RC filter).

If the time switch is to be used in combination with other devices; it is necessary to verify that no parasitic disturbances will be caused by the group.

OPERATION

Move the pins to the right (Off) or the left(On), as per the needed times of connection on which the contact 1-2 will be closed.



HOUR UPDATE

Turn the dial till the index is on current time

TECHNICAL CHARACTERISTICS

Auxiliary power supply: 220 ÷ 240V AC ± 10% 45/60Hz

Switching contact: 16(4)A 250V AC

Burden: 0.5W

Precision: ± 3sec/day at 22°C

Back-up time: 100 hours

Type of dial: daily 96 pins

Minimum setting interval: daily 15 minutes

Temperature: working -10°C to +50°C
storage -25°C ÷ 70°C

Manual operating switch 2 positions: ON - Automatic

Movement quartz

Terminal wires 2x2.5mmq

Sealable front

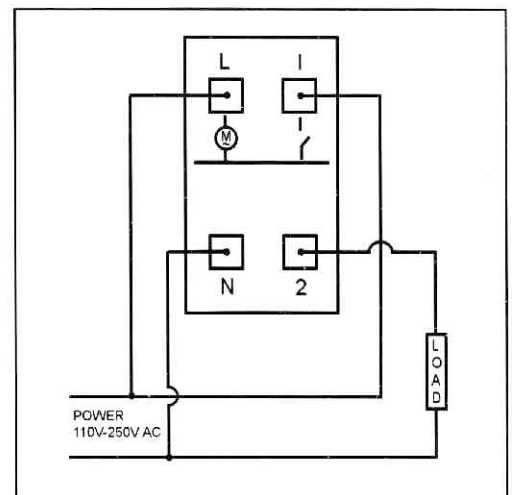
Dimensions 1DIN

Protection degree: IP20 as per EN60529

Protection class: II as per EN60335 under correct assembling conditions

Standards IEC669-1; EN60730

WIRING CONNECTION DIAGRAM



- when the time switch is used for load exceeding the rated capacity . it is imperative that the time switch be used in combination with one or more magnetic contactors according to each load.

• HANDY \odot /I SELECT SWITCH

\odot : 24H PROGRAM AUTO CONTROL

I : PERMANENT CONTROL ON