en

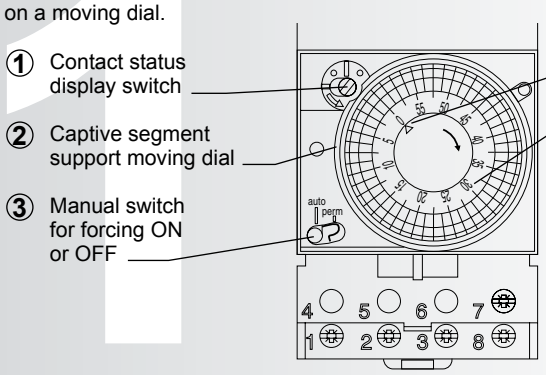
IH: 15338

60 mn
1C

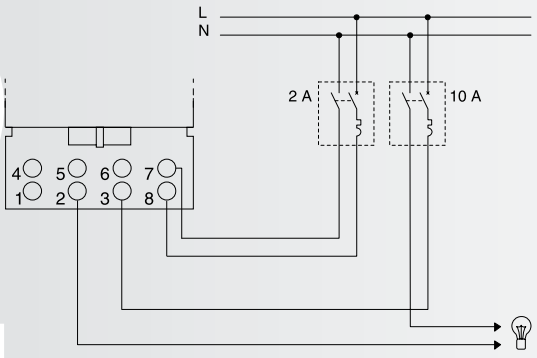
Schneider Electric

Function

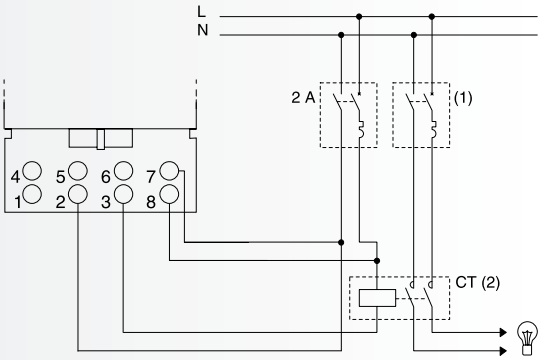
■ **Function:** the time switch automatically opens and closes a circuit according to a program repeated every hour and established by the position of captive segments on a moving dial.



Applications



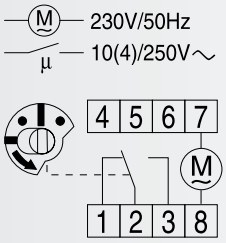
■ Direct control of loads up to 2300 W.

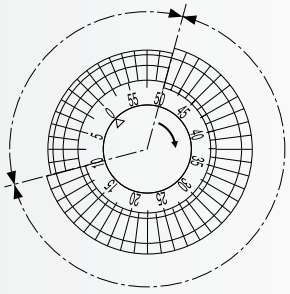


■ For loads exceeding 2300 W, use in conjunction with a contactor.

Programming

■ Program the status change order of the output contact by pulling out or pushing down the blue captive segments on the moving dial:
□ pushed segments: load on, contact between terminals 2 and 3,
□ pulled segments: load off, contact between terminals 2 and 1.
■ Setting limits:
gap between two segments = 1 min 15 s.





■ In the above example, the captive segments are pushed in from 10 to 50 min: the load is on for 40 min from the 10th min to the 50th min every hour.

Setting

■ To set the minutes, turn the dial ⑤ in the direction shown to bring the figure for the required minute opposite the fixed mark ④.
■ Check proper operation of switching by rotating the switch ①.

Selecting ON, OFF or automatic mode

■ Using switches ① and ③ in conjunction with one another, the switch can be set for automatic operation, forced on or forced off:
□ switch on "perm": permanent on or off (using switch ③),
□ switch on "auto": preset program.

Characteristics

■ Supply voltage: 230 V ±10 %
■ Frequency: 50 Hz
■ Output contact rating: 10 A/250 V~ cosφ = 1; 4 A/250 V~ cosφ = 0.6
■ Consumption: 2.5 VA
■ Quartz motion
■ 48 possible switchings in the day
■ Minimum time between 2 switchings: 75 s
■ Type of setting: 1 B STU according to EN 60730
■ Operating temperature: -10°C to +50°C
■ Maximum capacity of connection terminals: 2 x 2,5 mm²
■ Overall dimensions: 6 modules of 9 mm.

Acceptable power

incandescent lamp 230 V	1100 W
halogen lamp 230 V	1100 W
non compensated fluorescent tube/serial compensated fluorescent tube with conventional ballast	15 x 40 W - 10 x 58 W - 6 x 100 W
parallel compensated fluorescent tube with conventional ballast	2 x 40 W (4.7 µF) - 1 x 58 W (7.0 µF)
dual-mounted fluorescent tube with conventional ballast	5 x (2 x 58 W) - 3 x (2 x 100 W)
parallel compensated sodium vapour lamp	relay by contactor CT
parallel compensated HQL fluorescent balloon	relay by contactor CT

1558887BE-02/2009

Réalisation : SEDOC 04 76 18 04 11

Schneider Electric Industries SAS
35 rue Joseph Monier
CS 30323
F-92506 Rueil Malmaison Cedex (France)
tel : +33 (0)1 41 29 70 00

http://www.schneider-electric.com