



DIN 35mm

## Features :

- 6 digits for time display, 2 digits for step no.
- 30 ON - OFF steps per day
- Indications
  - Auto manual
  - Holiday
  - Relay status
  - Day of week
  - Programming mode
- 10 years power reserve (Lithium battery)

Certification : 

## Display specifications

|                              |                                                                                  |
|------------------------------|----------------------------------------------------------------------------------|
| Display                      | Text LCD (Without backlight)<br>6 digits for time display, 2 digits for step no. |
| Character height             | 5.07mm (HH : MM) and 3.39mm (SS)                                                 |
| Indications (Through symbol) | Auto manual, Holiday, Relay status,<br>Day of week, Programming mode             |

## Output specifications

|                |               |
|----------------|---------------|
| No. of output  | 2             |
| Relay contact  | 1 C/O SPDT    |
| Contact rating | 16A @ 250V AC |

## Functional specifications

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Operation period     | 1 week                                                   |
| Weekly program       | Total 30 ON Steps and 30 OFF Steps                       |
| Minimum setting unit | 1 second                                                 |
| Holiday settings     | 16 dates                                                 |
| Clock                | 12 - hr (AM / PM) and 24 - hr selection                  |
| Relay operating mode | Auto / Permanent override ON /<br>Permanent override OFF |
| RTC accuracy         | 15 mins a year@25°C                                      |

## Auxiliary supply specifications

|                   |                                 |
|-------------------|---------------------------------|
| Supply voltage    | 230V AC $\pm 10\%$ (50 / 60 Hz) |
| Power consumption | Approx. 9 watts at 252 VAC      |

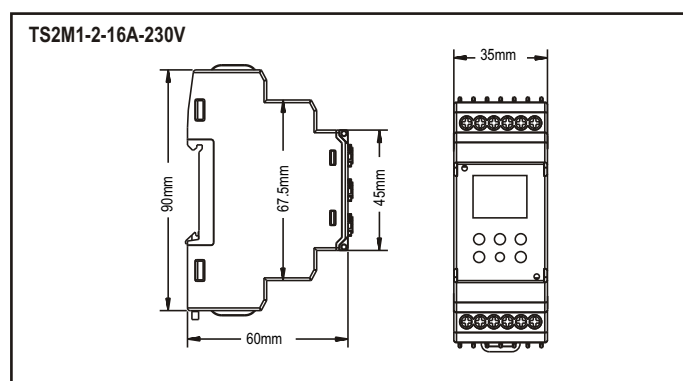
## Environmental specifications

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Temperature                 | Operating : 0 to 50° C<br>Storage : -20 to 70°C |
| Humidity (non - condensing) | Up to 95% RH                                    |

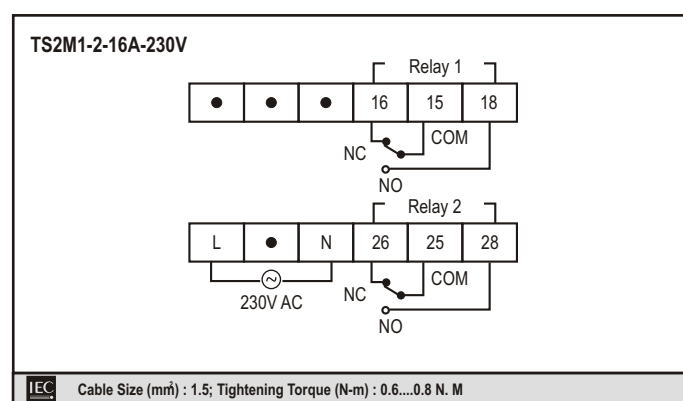
## Mechanical specifications

|          |                |
|----------|----------------|
| Mounting | DIN rail mount |
| Weight   | 105 g          |

## Dimensions



## Terminal connections



## Compliance

| Applicable EMI / EMC standards    |                     |               |
|-----------------------------------|---------------------|---------------|
| Product standard                  |                     |               |
| Category                          | Reference standards | Testing level |
| Electrostatic discharge           | IEC 61000-4-2       | Level-3       |
| Electrical fast transient / Burst | IEC 61000-4-4       | Level-3       |
| Electromagnetic field             | IEC 61000-4-3       | Level-3       |
| Surge                             | IEC 61000-4-5       | Level-3       |
| Conducted RF                      | IEC 61000-4-6       | Level-2       |
| Rated power frequency             | IEC 61000-4-8       | Level-4       |
| Voltage dip / Short interruptions | IEC 61000-4-11      | Level-3       |
| Conducted emissions               | CISPR-11            | Class-B       |
| Rated emissions                   | CISPR-22            | Class-A       |
| Emission & Immunity               | IEC 61326-1         |               |
| Safety                            | IEC 61010-1         |               |
| PFMF (Passing criteria)           | IEC 61000-4-8       | Class A       |

## Ordering information

| Product code     | Supply voltage | Certification |
|------------------|----------------|---------------|
| TS2M1-2-16A-230V | 230V AC        | CE            |