



DIN 22.5mm

## Features :

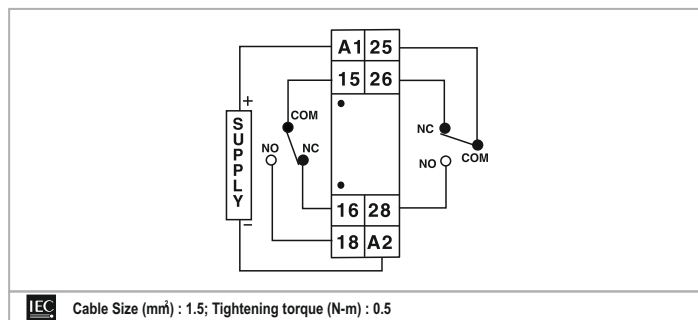
- ▶ Cyclic timer with unequal ON & OFF time
- ▶ 6 Time ranges
- ▶ Universal supply voltage
- ▶ LED Indications : Power ON, Relay ON
- ▶ Finger safe terminals

Certifications : CE

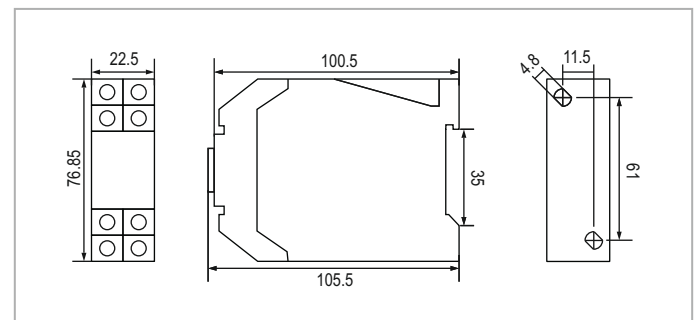
## Technical specifications

| Display specifications          |                                                                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Display                         | Power ON, Relay ON                                                                                                                |
| Input specifications            |                                                                                                                                   |
| Accuracy setting                | ±5% of F.S.                                                                                                                       |
| Repeat                          | ± 0.5% or 50msec (F.S. = Full scale)                                                                                              |
| Output specifications           |                                                                                                                                   |
| Relay contact                   | 2 C/O SPDT                                                                                                                        |
| Contact rating                  | 5A @ 250V AC or 24V DC Resistive                                                                                                  |
| Functional specification        |                                                                                                                                   |
| Modes                           | Asymmetrical cyclic ON first or OFF first                                                                                         |
| Time ranges                     | 0 - 1sec / min / hr (ON Time), 0 - 10sec / min / hr (ON Time),<br>0 - 1sec / min / hr (OFF Time), 0 - 10sec / min / hr (OFF Time) |
| Resolution                      | 0.1sec                                                                                                                            |
| Reset                           | ON power interruption, Reset time <100 msec                                                                                       |
| Auxiliary supply specifications |                                                                                                                                   |
| Supply voltage                  | 20 to 240V AC (50 / 60Hz), 18 to 240V DC                                                                                          |
| Power consumption               | 2VA max                                                                                                                           |
| Environmental specification     |                                                                                                                                   |
| Temperature operating           | 0 to 50°C (32 to 122°F)                                                                                                           |
| Storage                         | -20 to 75°C (-4 to 167°F)                                                                                                         |
| Humidity (Non - condensing)     | 95% RH                                                                                                                            |
| Mechanical Specifications       |                                                                                                                                   |
| Mounting                        | DIN rail                                                                                                                          |
| Weight                          | 110gms                                                                                                                            |

## Terminal connections



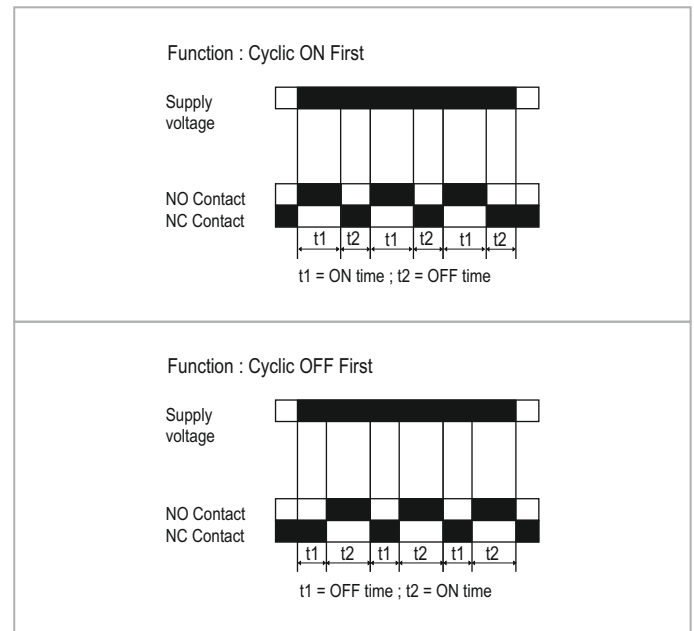
## Dimensions (All are in mm)



## Standards Compliance

| Applicable EMI / EMC Standards    |                     |               |
|-----------------------------------|---------------------|---------------|
| Product Standard : IEC 61326-1    |                     |               |
| 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       |

## Timing Diagram



## Ordering information

| Product code    | Supply voltage                 | Certification                                                                                                            |
|-----------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>800XC</b>    | 20 to 240V AC<br>18 to 240V DC | —                                                                                                                        |
| <b>800XC-CU</b> | 20 to 240V AC<br>18 to 240V DC | CE  <small>LISTED</small><br>UL 508 |