



48 x 48mm

### Features :

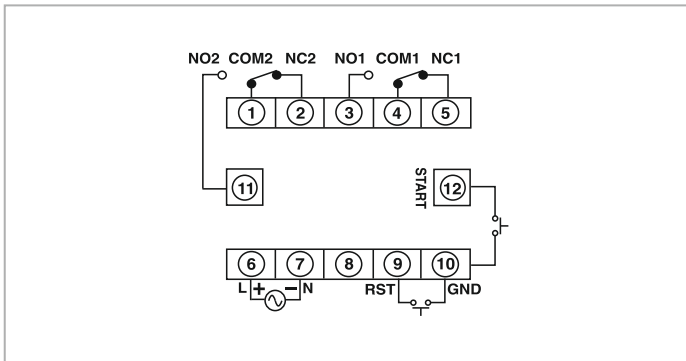
- ▶ Single Set Point
- ▶ On delay/ Interval
- ▶ 2 C/O SPDT
- ▶ 6 Time Ranges
- ▶ Down Counting

Certifications : CE

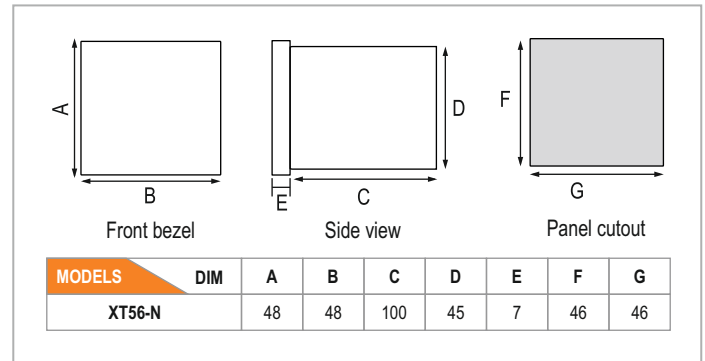
## Technical specifications

| Display specifications          |   |
|---------------------------------|---|
| Display                         | 3 digits, 7 segment LED   |
| LED Indications                 | Relay ON  |
| Input specifications            |   |
| Accuracy                        | ± 0.05% of F.S. or 50msec   |
| Start input                     | Pulse start   |
| Output specifications           |   |
| Contact rating                  | Relay: NO: 10A 250 VAC/ 24 VDC<br>NO/ NC: 5A/ 5A 250 VAC/ 24VDC           |
| Relay contact                   | 2X SPDT   |
| Functional specifications       |   |
| Auxiliary supply                | ON delay/ Interval  |
| Time ranges                     | 0 - 9.99sec, 0 - 99.9sec, 0 - 999sec, 0 - 99.9min, 0 - 999min, 0 - 99.9hr |
| Resolution                      | 0.01sec   |
| Counting direction              | Down  |
| Set Point                       | 1   |
| Time setting                    | Pushwheel   |
| Reset                           | Front, Remote, On power interruption                                      |
| Memory retention                | No  |
| Auxiliary supply specifications |   |
| Supply voltage                  | 90 to 270 VAC/ DC (50/ 60Hz) and 24 VDC                                   |
| Environmental specifications    |   |
| Temperature                     | Operating: 0 to 50°C ; Storage: - 5 to 55°C                               |
| Humidity (non - condensing)     | 95% RH  |
| Mechanical specifications       |   |
| Mounting                        | Panel mount   |
| Weight                          | 170gms  |

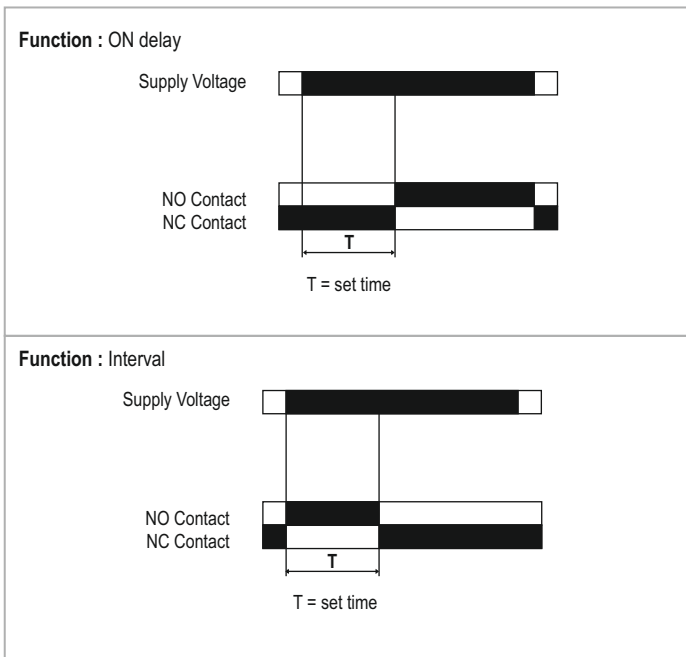
## Terminal connections



## Dimensions (All are in mm)



## Timing diagrams



## Compliance

| Applicable EMI / EMC Standards   |                     |               |
|----------------------------------|---------------------|---------------|
| Product Standard                 |                     |               |
| Category                         | Reference Standards | Testing Level |
| Electrostatic Discharge          | IEC 61000-4-2       | Level-3       |
| Electrical Fast Transient/ Brust | 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 |
|--------------|-------------------|---------------|
| XT56-N       | 90 to 270 VAC/ DC | ---           |
| XT56N-24V    | 24 VAC/ DC        | ---           |
| XT56-N-CE    | 90 to 270 VAC/ DC | CE            |