



Features :

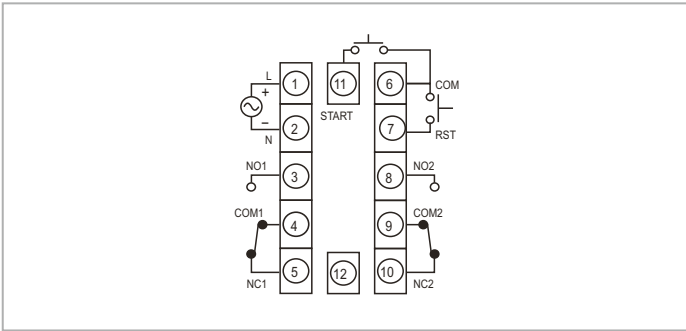
- ▶ Single set point
- ▶ LED Indications: Relay ON, Seconds, Minutes, Hours
- ▶ 3 digits, 7 segment LED, Dual Display

Certifications:  

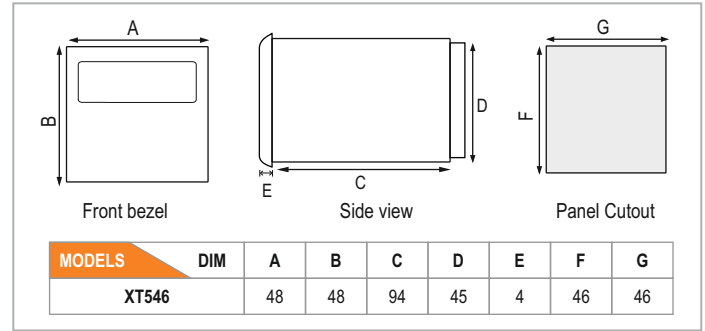
Technical specifications

| Display specifications | |
|---------------------------------|---|
| Display | 3 digits, 7 segment LED, Dual display Height of Upper Display: 0.3785" Height of Lower Display: 0.2720" |
| LED indication | Relay ON, Hr/ Min/ Sec |
| Input specifications | |
| Accuracy | Setting: $\pm 0.05\%$ of set time or 50msec ; Repeat: $\pm 0.05\%$ |
| Start input | Gate/ Pulse (Programmable) |
| Output specifications | |
| Contact rating | Relay: NO: 10A 250 VAC/ 24 VDC NO/ NC: 5A/ 5A 250 VAC/ 24 VDC |
| Relay contact | 2X SPDT |
| Functional specifications | |
| Modes | ON delay, Interval, Cyclic ON first, Cyclic OFF first |
| Time ranges | 0 - 9.99sec, 0 - 99.9sec, 0 - 999sec, 0 - 9: 59min: sec , 0 - 99.9min, 0 - 999min, 0 - 9:59hr: min , 0 - 99.9hr, 0 - 999hr |
| Resolution | 0.01sec |
| Counting direction | Down |
| Set point | 1 |
| Time setting | By keys on front panel |
| Reset | Front, Remote, On power interruption (programmable) |
| Memory retention | Yes (selectable) |
| Configuration lock | Yes |
| Auxiliary supply specifications | |
| Supply voltage | 85 to 270V AC (50 / 60Hz) - 15% to 10% tolerance |
| Power consumption | 4VA max |
| Environment specifications | |
| 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 | Panel mount |
| Weight | 142gms |

Terminal connections

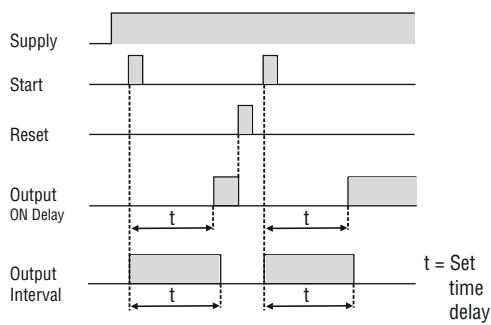


Dimensions (All are in mm)

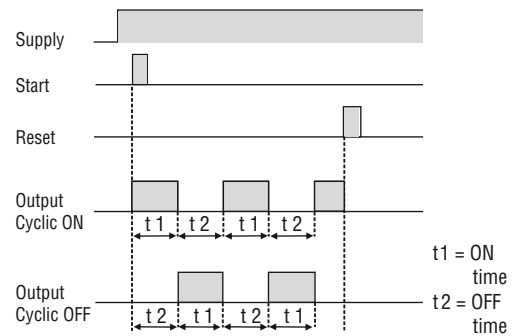


Timing diagram

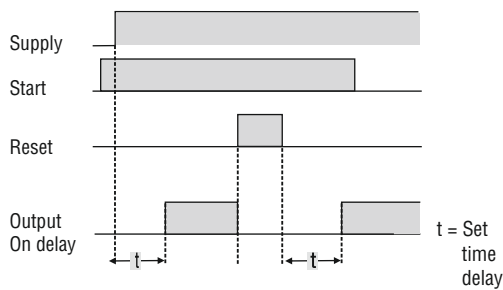
1. On delay, Interval modes:



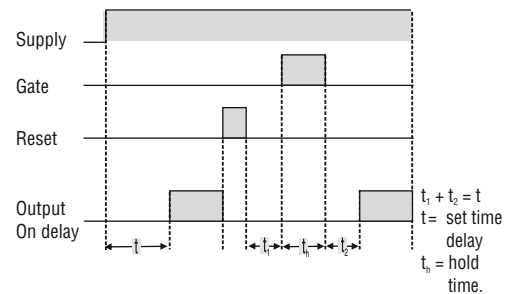
2. Cyclic ON first, Cyclic OFF first modes:



3. Typical application of Continuous start and reset in On delay mode:



4. Typical application of Gate start



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 |

| Applicable EMI / EMC Standards | | |
|-----------------------------------|---------------------|---------------|
| Product Standard | | |
| Category | Reference Standards | Testing Level |
| 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 |
|------------------|----------------|---------------|
| XT546 | 85 to 270 VAC | --- |
| XT546-CE | 85 to 270 VAC | CE |
| XT546-24V | 24 VDC | --- |