## Features :

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

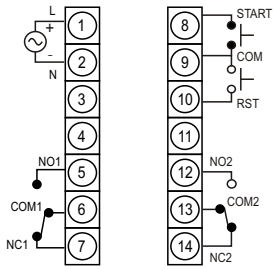
**72 x 72mm** **96 x 96mm**

## Technical specifications

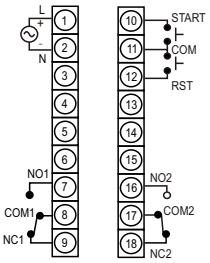
| | | |
|---|---|---|
| Display | 3 digits, 7 segment LED, Dual display<br>Height of Upper Display: 0.3785"<br>Height of Lower Display: 0.2720" | |
| LED indication | Relay ON, Hr/ Min/ Sec | |
| Accuracy | Setting: ±0.05 % of set time or 50msec ; Repeat: ±0.05% | |
| Start input | Gate/ Pulse (Programmable) | |
| Contact rating | Relay: NO: 10A 250 VAC/ 24 VDC<br>NO/ NC: 5A/ 5A 250 VAC/ 24 VDC | |
| Relay contact | 2X SPDT | |
| Modes | ON delay, Interval, Cyclic ON first, Cyclic OFF first | |
| Time ranges | 0 - 9.99sec, 0 - 99.9sec, 0 - 999sec, 0 - 9:59min: sec ,<br>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 | |
| Supply voltage | 85 to 270 VAC (50/ 60Hz)<br>- 15% to 10% tolerance | |
| Power consumption | 4VA max | |
| Temperature | Operating: 0 to 50°C (32 to 122°F)<br>Storage: - 20 to 75°C (- 4 to 167°F) | |
| Humidity (non - condensing) | 95% RH | |
| Mounting | Panel mount | |
| Weight | 180 gms | 240 gms |

## Terminal connections

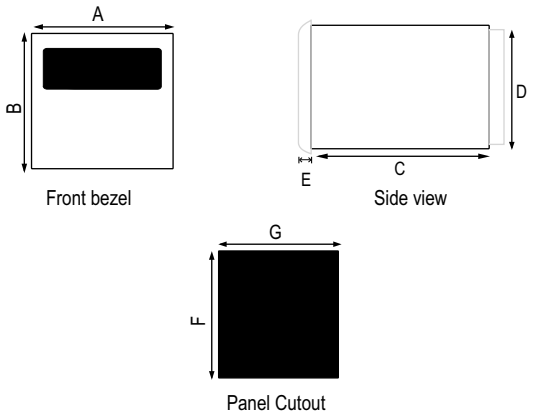
**XT246**




**XT346**



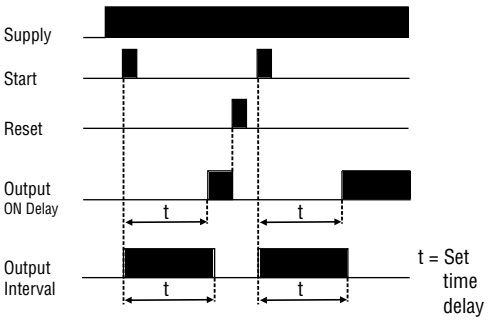

## Dimensions (All are in mm)



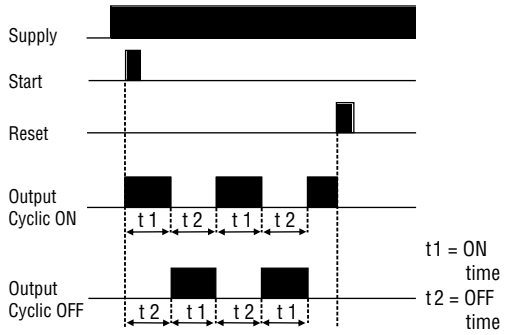

| DIM | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| **XT246** | 72 | 72 | 83.7 | 67 | 10 | 69 | 69 |
| **XT346** | 96 | 96 | 73 | 90.5 | 10 | 92 | 92 |

## Timing diagram

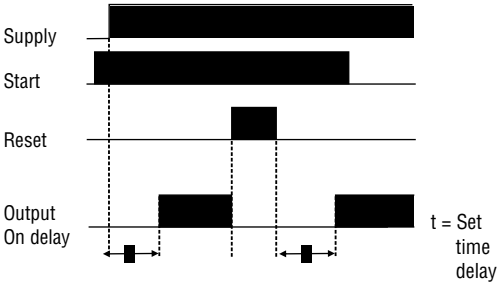
**1. On delay, Interval modes:**



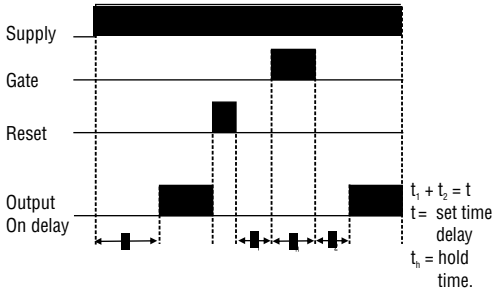

**2. Cyclic ON first, Cyclic OFF first modes:**




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




**4. Typical application of Gate start**




## Ordering information

| | | |
|---|---|---|
| **XT246** | 85 to 270 VAC | - - - |
| **XT246-24V** | 24 VDC | - - - |
| **XT346** | 85 to 270 VAC | - - - |