



Features:

- 2 Set points
- 4 digit dual display
- Multi range : 0.01 sec to 9999 hr
- Multifunction : On delay, Interval, Cyclic ON first, & Cyclic OFF first
- Start up delay programmable for cyclic mode
- Start input
- Batch counting

Size: DIN 72mm X 72mm

Technical Specifications

Input Specifications

Accuracy	±0.05% of F.S. or 50 msec (F.S. = Full Scale)
Start Input Retention	Gate / Pulse (Programmable)
Reset Input	Front panel, Remote reset, On power interruption (selectable)
Reset	Less than 100 msec

Output Specifications

Output Contact	2 SPDT
Relay Rating	5A @ 230V AC

Functional Specifications

Modes	ON delay / Interval delay Cyclic ON first / Cyclic OFF first
Time Ranges	0 - 99.99 sec 0 - 999.9 sec 0 - 9999 sec 0 - 99:59 min:sec, 0 - 999.9 min 0 - 9999 min 0 - 99:59 hr:min, 0 - 999.9 hr 0 - 9999 hr
Counting Direction	Up / Down
Memory	10 years
Configuration Lock	Via rear terminals
Led Indication	Relay status, sec, min & hr indication

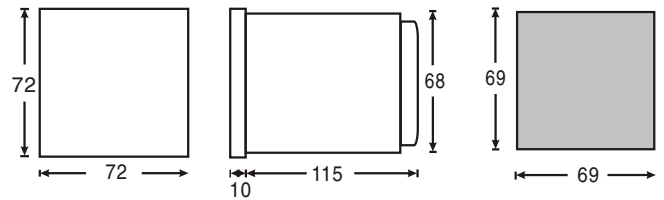
Supply Voltage

Supply Voltage	85 to 270V AC/DC (50 / 60Hz)
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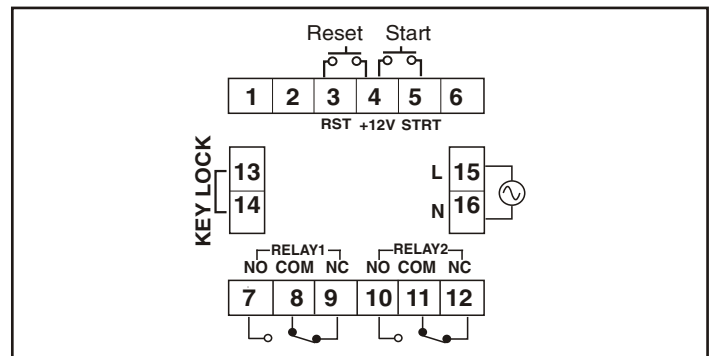
Environmental Specifications

Temperature	Operating: 0 to 50°C Storage: -5 to 50°C
Humidity (non-condensing)	95% RH
Weight	420 gms

Dimensions



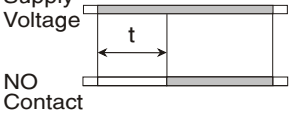
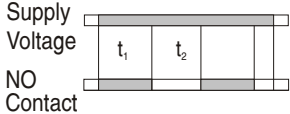
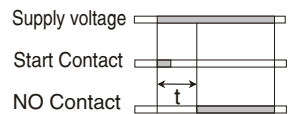
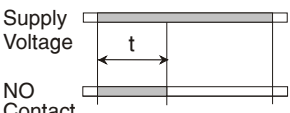
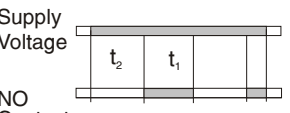
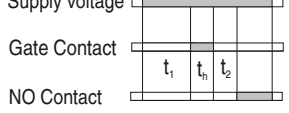
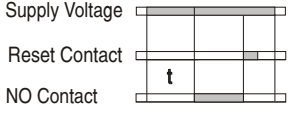
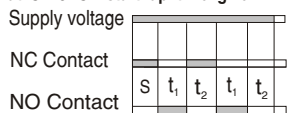
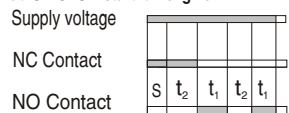
Terminal Connections



Ordering Information

Part No.	Supply Voltage
XT242	85 to 270 V AC/DC

Timing Diagram

<p>Function : On delay</p> <p>Supply Voltage </p> <p>NO Contact</p> <p>t = Set delay time</p>	<p>Function : Cyclic (On time first)</p> <p>Supply Voltage </p> <p>NO Contact</p> <p>t₁= On time, t₂ = off time</p>	<p>Function : On delay-pulse start</p> <p>Supply voltage </p> <p>Start Contact</p> <p>NO Contact</p> <p>t = Set delay time</p>
<p>Function : Interval delay</p> <p>Supply Voltage </p> <p>NO Contact</p> <p>t = Set delay time</p>	<p>Function : Cyclic (Off time first)</p> <p>Supply Voltage </p> <p>NO Contact</p> <p>t₁= On time, t₂ = off time</p>	<p>Function: Gate start-On delay</p> <p>Supply voltage </p> <p>Gate Contact</p> <p>NO Contact</p> <p>t=delay time = t₁+ t₂, t_h = hold time</p>
<p>Function : Reset</p> <p>Supply Voltage </p> <p>Reset Contact</p> <p>NO Contact</p> <p>t = Delay time</p> <p style="text-align: right;">reset</p>	<p>Function : Cyclic (ON time first) at S1 & S2 start up time given</p> <p>Supply voltage </p> <p>NC Contact</p> <p>NO Contact</p> <p>S = Start up time t1 = On time, t2 = Off time</p>	<p>Function : Cyclic (OFF time first) at S1 & S2 start time given</p> <p>Supply voltage </p> <p>NC Contact</p> <p>NO Contact</p> <p>S = Start up time t1 = On time, t2 = Off time</p>