

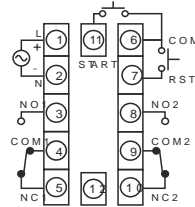
48x48 72x72 96x96

SPECIFICATIONS

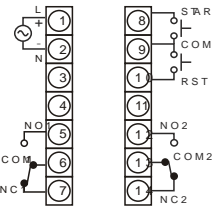
Display : Dual, 3 digit seven segment LED display
 Supply : 85 to 270V AC, 50/60 Hz
 24V AC/DC (Optional)
 Operating Modes : On Delay Interval, Cyclic On first & Cyclic Off first
 Time Range : 9.9 / 99.9 / 999 sec
 9.59 min:sec, 99.9 / 999 min,
 9.59 hour:min, 99.9 / 999 hour
 Counting : Down
 Direction : Single
 Relay Rating : 250V AC / 20V DC
 Start Input : Pulse, Gate Programmable)
 Reset : On interruption, off front panel reset terminal reset
 Outputs : 2 ; 1 (NO) 1 (NO)
 Memory : 10 years
 Retention : 10 years
 Accuracy : Setting ± 0.05% of set time or 5.0 sec
 (Whichever is greater)
 Repeatability : ± 0.05%
 Operating temperature : 0 to 50°C
 Storage : -20 to 75°C
 Humidity : 95% RH
 Housing : PC tinted black
 Weight : XT546 140 gms
 XT246 190 gms
 XT346 240 gms

TERMINAL CONNECTIONS

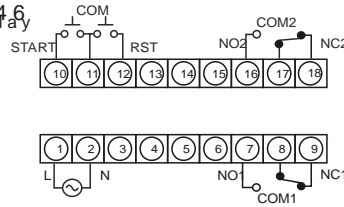
XT546



XT246



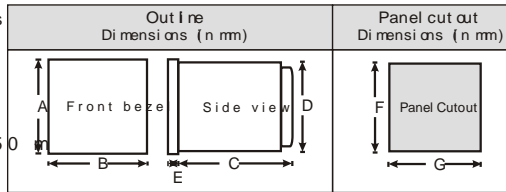
XT346



Mechanical Installation

Front Panel Termination

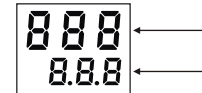
1. Prepare the panel cut out with the dimensions as shown below:



MODEL	DIM	A	B	C	D	E	F	G
XT546		48	48	94	45	4	46	46
XT246		72	72	83.7	67	10	69	69
XT346		96	96	73	90.5	10	92	92

2. Remove the clamp from the controller and push the controller into the panel cut out. Insert the clamp from the rear side until the main is securely fit into the panel.

FRONT PANEL DESCRIPTION



CONFIGURATION INSTRUCTION

1. Enter configuration by pressing the **PROG** key together for 8 sec.
2. Scroll function name by pressing **▲** key (and **▼**)
3. Scroll parameter by pressing **▶** key

The unit will auto exit program mode after 30 sec. of key inactivity or by pressing **PROG** + (PROG) key together

LCU
000

Prompt only if configuration Lock enabled in PROTECTION LEVEL Lock code = 85 [Fixed]

Set key **▶**

Note: The decimal Point of 3rd blinks till correct Lock code entered

Output Modes

000
000

Use **▲** key [any of 3] to scroll through the various modes. Default : ON Delay

Time Range

0-5
99.9

Use **▲** [any of 3] scroll through the various time range. Default : 99.9sec

NOTE: This parameter is prompted only if mode selected is cyclic.

OFF
99.9

- Use **▲** key [any of 3] to scroll through the various ranges
- In Cyclic ON function, also first OFF time is set and then ON time is set.
- H, M, S indication will indicate the time range.

Start

SEn
GAt

Use **▲** [any of 3] select gate or pulse Default: Gate

Front panel reset

FpR
YEs

Use **▲** [any of 3] select yes or no Defaults Y

Power on reset

POn
nO

Use **▲** [any of 3] select yes or no Default: NO

Default

DFt
nO

Use **▲** [any of 3] select yes or no Default: NO

RESET METHOD

Reset

rst
dne

NOTE: Press **PROG** key together continuously for 5sec. to enter into function.

The unit will auto exit mode after 1 sec

TO PROGRAM SET VALUE Press **▲** key to change the set value. The corresponding digit will increment from 0 to 9 and then will roll over back to 0. Press **▶** key to save value

Only if mode selected is delay / interval

Set 1st digit

000
99.9

Set 2nd digit

000
99.9

Set 3rd digit

000
99.9

NOTE: Press **▶** key to store value. decimal point digit blink still the storage value of set

Only if mode selected is cyclic

Set 1st digit

8:00
99.9

Set 2nd digit

8:00
99.9

Set 3rd digit

8:00
99.9

NOTE: Press **▶** keys to register mode to parameter

Set 1st digit

OFF
99.9

Set 2nd digit

OFF
99.9

Set 3rd digit

OFF
99.9

NOTE: Press **▶** key to store value. decimal point digit blink still the set value

NOTE: If the set value is 000 then timer must hold (in network). All indications will be OFF

The unit will auto exit set value mode after 0sec. 6 by inactivity

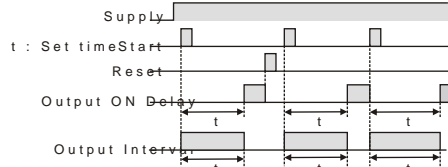
USER GUIDE

START : Pulse / Gate

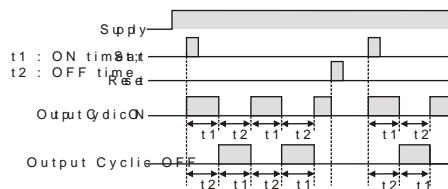
- Pulse Timing start moment always will be with connected between START COMMON terminals.
- Gate Timing starts at power ON. Terminal COMMON terminal is closed timing starts when it shorting is opened.

MODE OF OPERATION

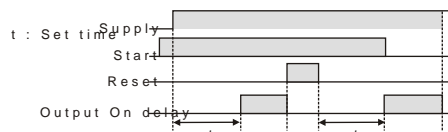
for On delay interval modes:



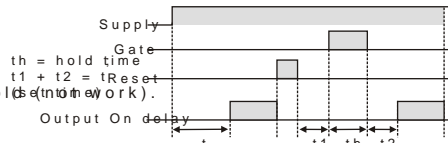
2. Cyclic ON first, Cyclic OFF first modes:



Typical application of Continuous start and reset in O



Typical application of G



(Specifications are subject to change, since development

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