

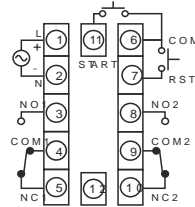
48x48 72x72 96x96

SPECIFICATIONS

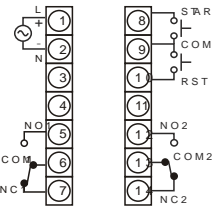
Display : Dual, 3 digit seven segment LED display
 Supply : 85 to 270V AC, 50/60 Hz
 24V AC/DC (Optional)
 Operating Modes : On Delay interval, Cyclic On first & Cyclic Off first
 Time Range : 9.9 / 99.9 / 999 sec
 9.59 min:sec, 99.9 / 999 min,
 9.59 hour:min, 99.9 / 999 hour
 Counting : Down
 Direction : Single
 Relay Rating : 250V AC / 20V DC
 Start Input Pulse : Gate programmable)
 Reset : On interruption, off front panel reset terminal reset
 Outputs : 2 ; 1 (QSDT)
 Memory : 10 years
 Retention : 10 years
 Accuracy : Setting 0.05% of set time or 50 (Whichever is greater)
 Repeat 0.05%
 Temperature : Operating 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

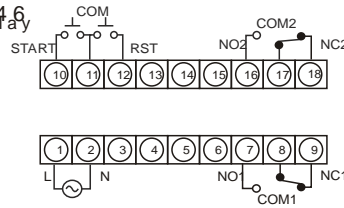
XT546



XT246



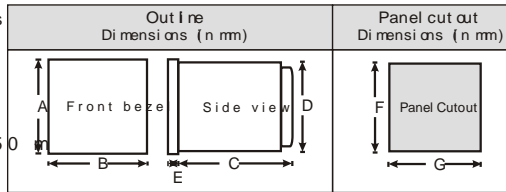
XT346



MECHANICAL INSTALLATION

Front Panel Termination

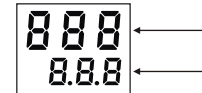
1. Prepare the panel cut out with the dimensions as shown below :



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 to function name by pressing **▲** key (and **▼**)
3. Scroll to 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

n 0 d
0 0 0

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

Time Range

n - 5
9 9 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
9 9 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

S E T
G A T E

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

Front panel reset

F P R
Y E S

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

Power on reset

P O N
N O

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

Default

D F T
N O

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

RESET METHOD

Reset

RESET
done

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

The unit will auto exit mode after 1 sec

TO PROGRAM SET NOTE: 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 set value

Only if mode selected is delay / interval

Set 1st digit

Set 2nd digit

Set 3rd digit

0 0 0
9 9 9

0 0 0
9 9 9

0 0 0
9 9 9

NOTE: Press **PROG** key to store set value. The decimal point will blink still the storage value of set

Only if mode selected is cyclic

Set 1st digit

Set 2nd digit

Set 3rd digit

8 0 0
9 9 9

8 0 0
9 9 9

8 0 0
9 9 9

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

Set 1st digit

Set 2nd digit

Set 3rd digit

OFF
9 9 9

OFF
9 9 9

OFF
9 9 9

NOTE: Press **PROG** key to store set value. The decimal point will 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

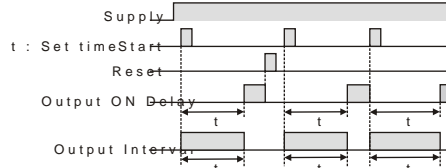
USER GUIDE

START : Pulse / Gate

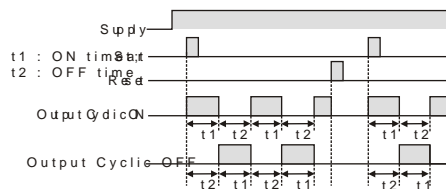
- Pulse Timing starts at power ON terminal is connected between START and COMMON terminals.
- Gate Timing starts at power ON terminal is closed timing of set value when it the shorting is opened.

MODE OF OPERATION

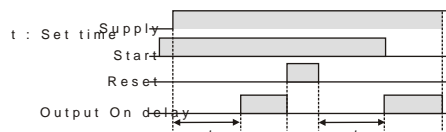
for On delay interval modes:



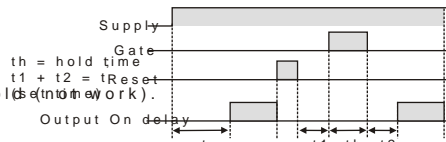
2. Cyclic ON first, Cyclic OFF first modes:



Typical application of Continuous start and reset in O



Typical application of G



(Specifications are subject to change, since development

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