

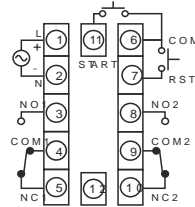
48x48 72x72 96x96

SPECIFICATIONS

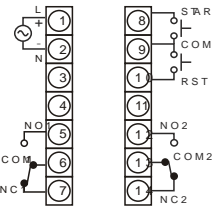
Display : Dual, 3 digit seven segment LED display
 Supply : 85 to 270V AC, 50/60 Hz
 24V AC/DC (Optional)
 Operating Modes : On Delay Interval, Cyclic On first & Cyclic Off first
 Time Range : 9.9 / 99.9 / 999 sec
 9.59 min:sec, 99.9 / 999 min,
 9.59 hour:min, 99.9 / 999 hour
 Counting : Down
 Direction : 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)
 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

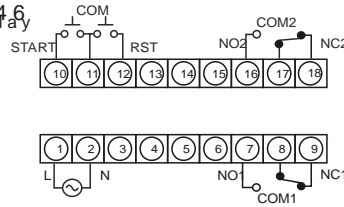
XT546



XT246



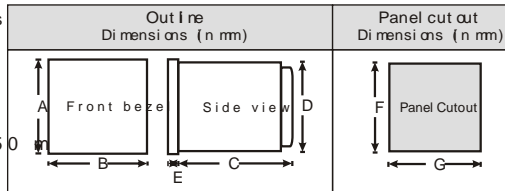
XT346



MECHANICAL INSTALLATION

Front Panel Termination

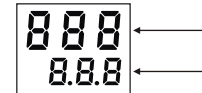
1. Prepare the panel cut out with the dimensions as shown below:



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 n

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

Time Range

n - 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

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

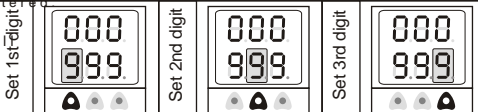
R S E T
d n E

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

The unit will auto exit mode after 1 sec

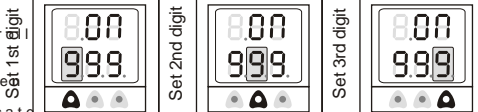
TO PROGRAM SET NOTE: Press **▲** key to change the set value. The corresponding digit will increment from 0 to 9 and then will roll over back to 0. Press **□** key to save set value

Only if mode selected is delay / interval

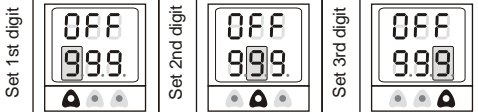


NOTE: Press **PROG** key to store set value. The decimal point will blink still the storage value of set

Only if mode selected is cyclic



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



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

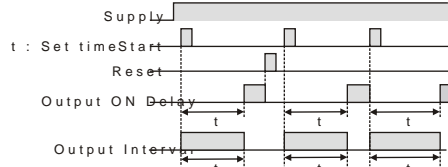
USER GUIDE

START : Pulse / Gate

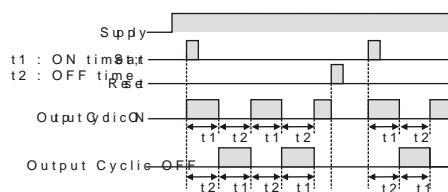
- Pulse Timing starts at moment terminals are connected between START and COMMON terminals.
- Gate Timing starts at power ON. Terminal COMMON is closed timing starts at the moment the shorting is opened.

MODE OF OPERATION

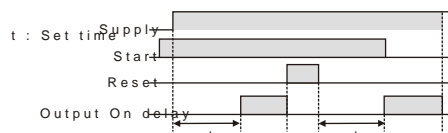
for On delay interval modes:



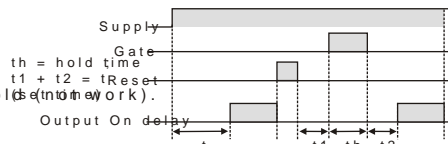
2. Cyclic ON first, Cyclic OFF first modes:



Typical application of Continuous start and reset in ON



Typical application of G



(Specifications are subject to change, since development)

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