

INSTRUCTION MANUAL FOR PROGRAMMABLE CYCLIC TIMER

SPECIFICATIONS

Display

Dual, 3 digit seven segment LED display
Upper display (Current value): Red colour
Lower display (Set value): Green colour

LED Indications

Relay output, Hour / Min / Sec.
(LED blinks when in run mode & stops in hold mode)

Supply

90 to 270V AC / DC or 24V AC / DC, 50/60 Hz

Operating Modes

On Delay, Interval, Cyclic On first & Cyclic Off first

Time Ranges

9.99 / 99.9 / 999 sec
9.59 min : sec, 99.9 / 999 min
9.59 hour : min, 99.9 / 999 hour

Direction

Down

Relay Rating

5A @ 230V AC / 24V DC

Start Input

Pulse, Gate (Programmable)

Reset

On interruption of power, front panel reset & terminal reset

Outputs

2; 1 C/O (SPDT)

Memory Retention

10 years (Fall time of DC signal <= 20ms)

Accuracy

Setting: ±0.05% of set time or 50 msec
(Whichever is greater)
Repeat: ±0.05%

Mounting

Panel Mounting

Temperature

Operating: 0 to 50 °C
Storage: -20 to 75 °C

Humidity

95% RH

Housing

PC tinted black

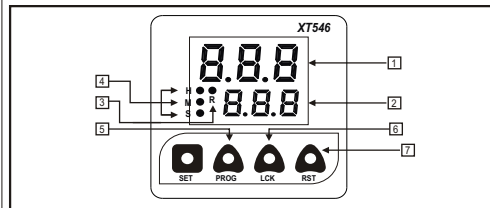
Weight

XT546: 142gms

INSTALLATION GUIDELINES

1. This equipment, being built-in-type, normally becomes a part of main control panel and in such case the terminals do not remain accessible to the end user after installation and internal wiring.
2. Do not allow pieces of metal, wire clippings, or fine metallic fillings from installation to enter the product or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
3. Circuit breaker or mains switch must be installed between power source and supply terminals to facilitate power 'ON' or 'OFF' function. However this switch or breaker must be installed in a convenient position normally accessible to the operator.

FRONT PANEL DESCRIPTION



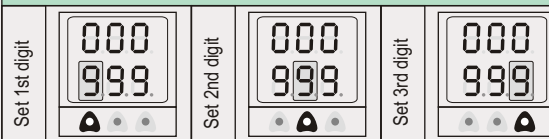
1	Current value / Parameter name display	1) Display current value. 2) Display the parameter name at the configuration mode.
2	Set value / Parameter setting display	1) Display set value 2) Displays the parameter settings at the configuration mode.
3	Output indication	The LED is lit when the output is ON
4	Range	1) Unit of timer 2) LED blinks when time is in process

TO PROGRAM SET VALUE

Note: Press key to change the set value.

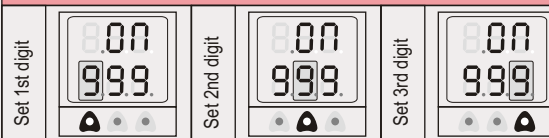
The corresponding digit will increment from 0 to 9 and then will roll over back to 0. Press key to store set value

Only if mode selected is on delay / Interval

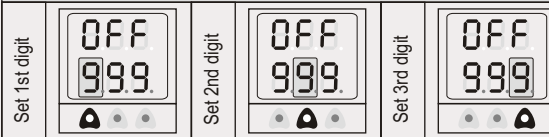


NOTE: Press key to store set value. Decimal point of 3rd digit blink still the storage of set value

Only if mode selected is cyclic



NOTE: Press keys to register and move to next parameter



NOTE: Press key to store set value. Decimal point of 3rd digit blinks till the storage of set value

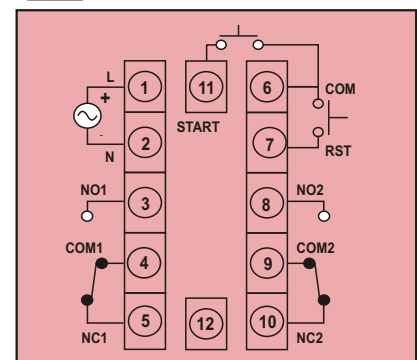
NOTE: If the set value is 000 then timer must hold (not work). All indications will be OFF.

The unit will auto exit set value mode after 30sec. of key inactivity

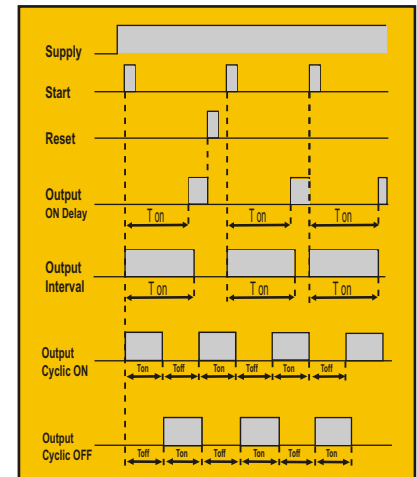
FRONT KEYS DESCRIPTION

Key press	Functions
	1) This along with the corresponding Inc key is used to enter in to program mode, lock mode & reset mode respectively 2) It is used to move to next configuration parameter & stores the previous parameter settings
	1) + (PROG) key together are used to enter in the programming mode. 2) + (LCK) key together are used to enter in the lock function 3) + (RST) key together are used to enter in the front panel reset function. 4) It is used to scroll different option in each configuration 5) It is used to increment the set value for corresponding digit.

TERMINAL CONNECTIONS



MODE OF OPERATION



M.V. INSTRUMENTS

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