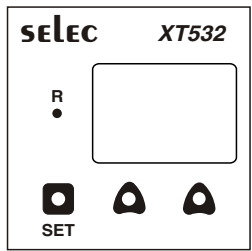


# OPERATING INSTRUCTIONS

## XT532 / XT532 - M



48 x 48

### SPECIFICATIONS

#### DISPLAY

2 digit, 0.5" high, 7 segment red LED

#### SET POINTS

Single set point

#### DELAY MODES

- ON delay
- Interval.
- Cyclic ON first
- Cyclic OFF first

#### TIME RANGES

9.9sec, 99sec, 9.9min, 99min, 9.9hr, 99hr.

#### RESET INPUT

- Front panel.
- Via rear terminals.
- ON power interruption.

#### RESET TIME

Less than 100 msec.

#### INPUTS

- Start
- Reset.

#### COUNTING DIRECTION

Down.

#### LED INDICATION

Relay ON.

#### OUTPUT

DPDT relay, rated 5 A @ 230 VAC.

#### POWER SUPPLY

90 to 270 VAC/DC @ 50/60Hz, 1.2 VA.

#### TIME SETTING

Via keys on front panel.

#### ACCURACY

± 0.05% or 50 msec whichever is greater.

#### MEMORY RETENTION

XT532: No memory.  
XT532 - M: 10 Years.

#### CONFIGURATION LOCK

Via rear terminals for configuration mode.

#### MOUNTING

Panel mounting.

#### OPERATING TEMP.

Operating : 0 to 50°C. Storage: -5 to 50°C.

#### HUMIDITY

95% RH

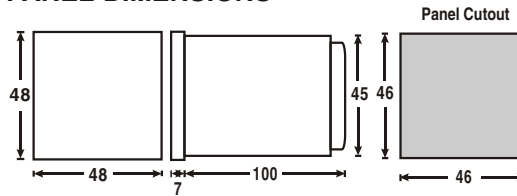
#### HOUSING

ABS plastic

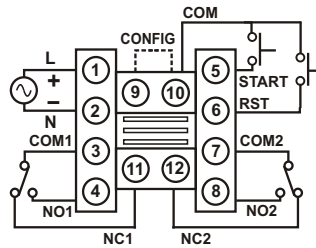
#### WEIGHT

176gms

### PANEL DIMENSIONS

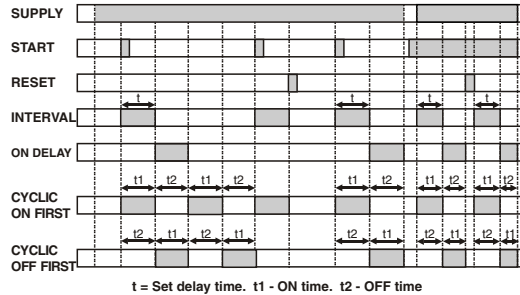


### TERMINAL CONNECTIONS



TERMINAL	DESCRIPTION
1	L (Live or +ve of DC)
2	N (Neutral or -ve of DC)
3	COM1 of relay
4	NO1 of relay
5	Start
6	Reset
7	COM2 of relay
8	NO2 of relay
9	Config (short with 10 for config. entry)
10	Common for START/RST/CONFIG
11	NC1 of relay
12	NC2 of relay

### TIMING DIAGRAM



### CONFIGURATION SCHEME (parameter setting)

- Before configuration: Short terminal no 9 & 10
- Turn power on
- LSD dp flashes in configuration mode.
- To change value: For 2 digits, two keys are provided. The digit above respective key increments by one for each momentary press of key and rolls over from 9 to 0.

To select Range.		Default : 9.9sec	
Key press (Momentary)	Display	Description	
RANGE	10.*	9.9 sec.	
Press last ▲	11.*	99 sec.	
Press last ▲	12.*	9.9 min.	
Press last ▲	13.*	99 min.	
Press last ▲	14.*	9.9 hr.	
Press last ▲	15.*	99 hr.	
Press middle key '▲' to select delay mode.			
Default : ON Delay			
MODE	20.*	On delay	
Press last ▲	21.*	Interval delay	
Press last ▲	22.*	Cyclic (on first)	
Press last ▲	23.*	Cyclic (off first)	
Press middle key '▲' again to select front reset.			
Default : Enabled			
FRONT RESET	30.*	Enabled (Yes)	
Press last ▲	31.*	Disabled (No)	
Press middle key '▲' again to select POR			
Note: This step is valid only for XT532-M			
Default : Power on reset			
POWER ON RESET	40.*	Power on reset	
Press last ▲	41.*	No Power on reset (battery back up function)	
Press middle key '▲' again to select reset all.			
	For XT532-M	For XT532	
RESET ALL	50.*	40.*	No action
Press last ▲	51.*	41.*	No action
Press last ▲	52.*	42.*	No action

Press last ▲	53.*	43.*	No action
Press last ▲	54.*	44.*	No action
Press last ▲	55.*	45.*	No action
Press Middle key ▲	11.*	11.*	All parameters are set to default values (factory settings)

To quit configuration setting mode, turn power off, remove link between 9 & 10 & switch power on.

### TO PROGRAM SET TIME:-

#### ON/ INTERVAL MODE

Press SET key continuously 00.\*

Then preset time can be set by using the middle ▲, last ▲ keys. Program set value from 00 to 99.

#### IN CYCLIC MODE

For OFF time		
	Display	Description
Press SET key continuously	0.*	For 0.5 sec indicating program OFF time
	00.*	Set OFF time using middle ▲ & last ▲ keys.
For ON time		
Press SET key continuously	1.*	For 0.5 sec indicating program ON time
	00.*	Set ON time using middle ▲ & last ▲ keys.

Set time will be entered on release of SET key

Note: \* - Indicate LSD decimal point blinking

### RESETTING THE TIMER

- FRONT RESET:** By pressing last ▲ key continuously for 3 seconds. (valid only if front reset enabled in configuration)
- REMOTE RESET:** From a remote pushbutton connected between terminal nos. 6 & 10
- On power interruption.**

(Specifications subject to change as development is a continuous process)