selec

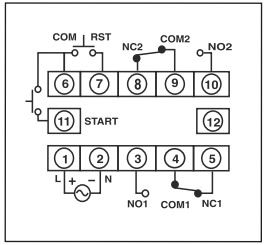
XT546BX
Operating Instructions

OP701-V01

SPECIFICATIONS

Display	:	Dual(3+3) 7 segment LED display
Supply	:	85 to 270V AC, 50/60 Hz
Operating Modes	:	1) On Delay 2) Interval 3) Cyclic On first 4) 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
Counting Direction	:	Down/Up
Relay Rating	:	5A@250V AC / 28V DC
Start Input	:	Pulse, Gate (Programmable)
Reset	:	On interruption of power, front panel reset & terminal reset
Outputs	:	2 Relay (SPDT)
Memory Retention	:	10 years
Accuracy	:	**Setting** : ±0.05% of set time or 50 msec (Whichever is greater) **Repeat** : ±0.05%
Temperature	:	**Operating** : 0 to 50°C **Storage** : -20 to 75°C
Humidity	:	95% RH
Housing	:	PC tinted black
Weight	:	120 gms

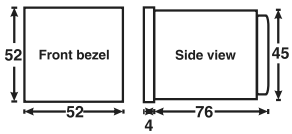
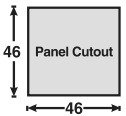
TERMINAL CONNECTIONS



MECHANICAL INSTALLATION

For installing the Timer

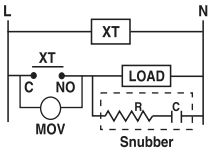
1. Prepare the panel cutout with proper dimensions as shown below :

Outline Dimensions (in mm)	Panel cutout Dimensions (in mm)
	

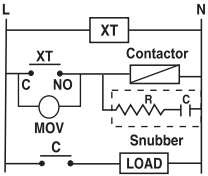
2. Remove the clamp from the controller and push the controller into the panel cutout. Insert the clamp from the rear side until the main is securely fit into the panel.

LOAD CONNECTIONS

For load current less than 0.5A

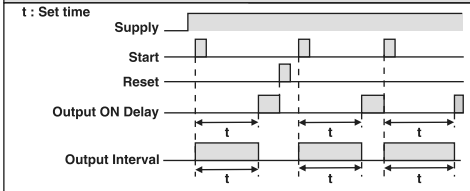


For bigger loads, use interposing relay / contactor

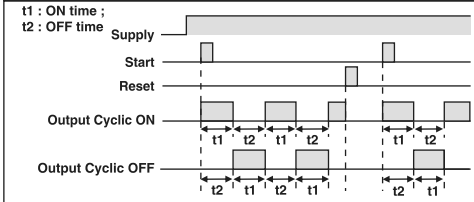


MODE OF OPERATION

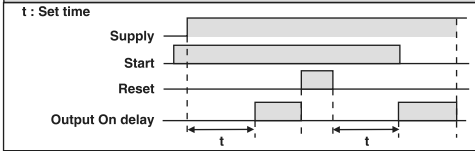
1.On delay, Interval modes :



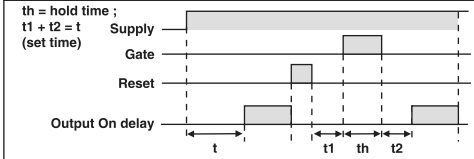
2.Cyclic ON first, Cyclic OFF first modes :



Typical application of Continuous start and reset in On delay mode :



Typical application of Gate start :



USER GUIDE

START : Pulse / Gate

A) Pulse : Timing starts on momentary closure of switch connected between **START** and **COMMON** terminals.
B) Gate : Timing starts at power ON. When **START & COMMON** is closed timing freezes and it resumes only when the shorting is opened.