Dual Display, Multifunction Timer

XT546A



48 x 48mm

Features :

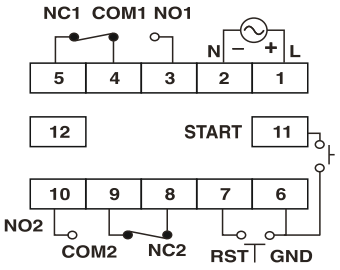
- 3+3 digits, 7 segment LED, Dual display
- Multifunction, Multi-range timer
- Single set point
- Compact size

Technical specifications

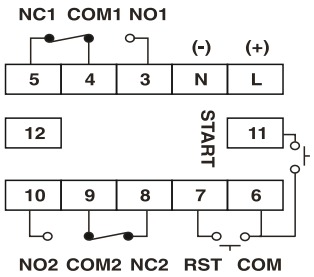
Display specifications	
Display	3+3 digits, 7 segment LED, Dual display Upper display: White Lower display: Green
LED indication	Relay: R, Seconds (S), Minutes (M), Hours (H)
Input specifications	
Accuracy	Setting: ±0.05% of set time or 50msec (Whichever is greater), Repeat: ±0.05%
Start input	Gate / Pulse (Programmable)
Output specifications	
Contact rating	Relay: NO: 10A 250V AC / 24V DC NO/ NC: 5A / 5A 250V AC / 24V DC
Relay contact	2X SPDT
Functional specifications	
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 hr
Resolution	0.01sec
Counting direction	Up / Down (Selectable)
Set point	1
Time setting	By keys on front panel
Reset	Front, Remote, On power interruption (Programmable)
Memory retention	10 years
Configuration lock	Yes
Auxiliary supply specifications	
Supply voltage	90 to 270V AC/DC (50/60Hz)
Power consumption	5 VA max @270V AC/DC
Environment specifications	
Temperature	Operating: 0 to 50 °C (32 to 122 °F) Storage: - 20 to 75 °C (- 4 to 167 °F)
Humidity (Non-condensing)	95% RH
Mechanical specifications	
Mounting	Panel mount
Weight	120gm

Terminal connections

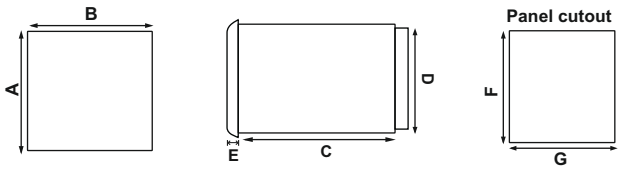
XT546A



XT546 BX



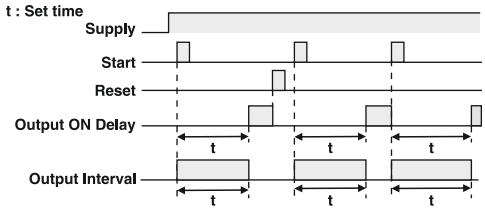
Dimensions (All are in mm)



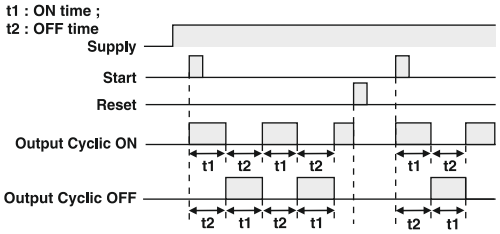
MODELS / DIM	A	B	C	D	E	F	G
XT546A	52	52	76	45	4	46	46

Timing diagrams

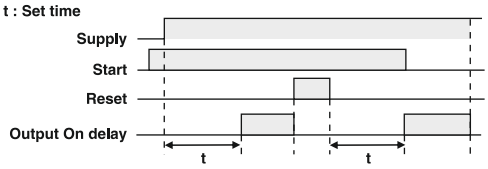
1. On delay, Interval modes :



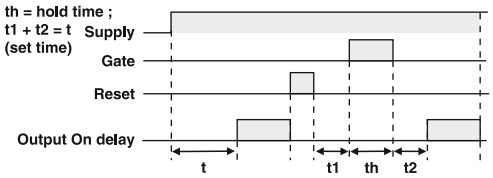
2. Cyclic ON first, Cyclic OFF first modes :



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



4. Typical application of Gate start :



Ordering information

Product code	Output1	Output2	Supply voltage	Certification
XT546A	RELAY (5A)	RELAY (5A)	90 to 270V AC/DC	- - -