48 x 48mm

Features :

Single set point

LED Indications: Relay ON, Seconds, Minutes, Hours

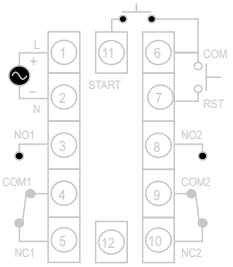
3 digits, 7 segment LED, Dual Display

Certifications :

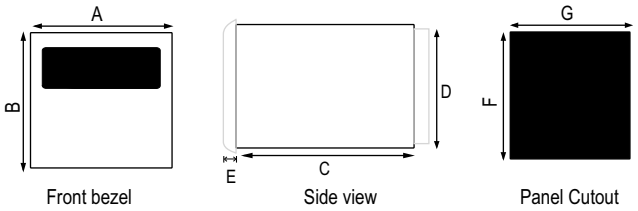
Technical specifications

Display	3 digits, 7 segment LED, Dual display Height of Upper Display: 0.3785" Height of Lower Display: 0.2720"
LED indication	Relay ON, Hr/ Min/ Sec
Accuracy	Setting: ± 0.05 % of set time or 50msec ; Repeat: ± 0.05%
Start input	Gate/ Pulse (Programmable)
Contact rating	Relay: NO: 10A 250 VAC/ 24 VDC NO/ NC: 5A/ 5A 250 VAC/ 24 VDC
Relay contact	2X SPDT
Modes	ON delay, Interval, Cyclic ON first, Cyclic OFF first
Time ranges	0 - 9.99sec, 0 - 99.9sec, 0 - 999sec, 0 - 9: 59min: sec , 0 - 99.9min, 0 - 999min, 0 - 9:59hr: min , 0 - 99.9hr, 0 - 999hr
Resolution	0.01sec
Counting direction	Down
Set point	1
Time setting	By keys on front panel
Reset	Front, Remote, On power interruption (programmable)
Memory retention	Yes (selectable)
Configuration lock	Yes
Supply voltage	85 to 270V AC (50 / 60Hz) - 15% to 10% tolerance
Power consumption	4VA max
Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: - 20 to 75°C (- 4 to 167°F)
Humidity (non - condensing)	95% RH
Mounting	Panel mount
Weight	142gms

Terminal connections



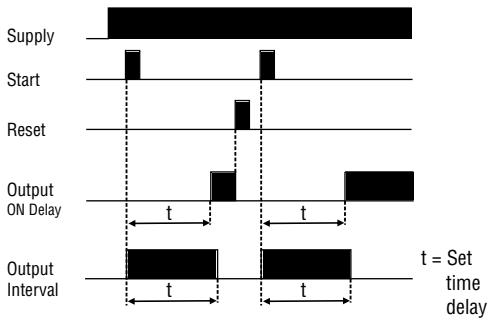
Dimensions (All are in mm)



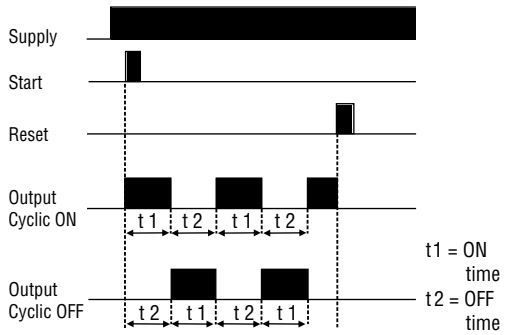
DIM	A	B	C	D	E	F	G
XT546	48	48	94	45	4	46	46

Timing diagram

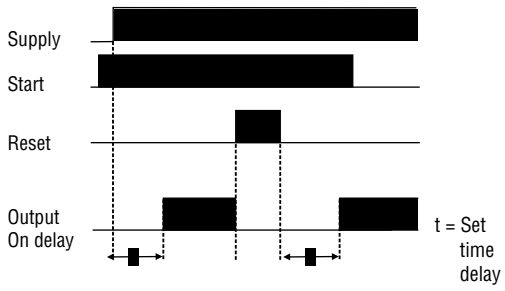
1. On delay, Interval modes:



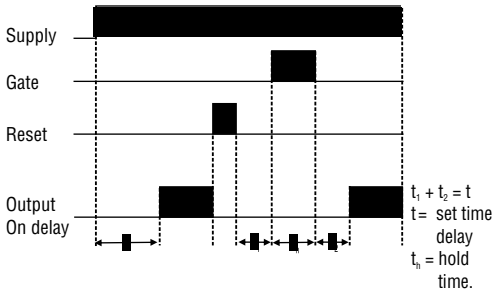
2. Cyclic ON first, Cyclic OFF first modes:



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



4.Typical application of Gate start



Compliance

Category	Reference Standards	Testing Level
Electrostatic Discharge	IEC 61000-4-2	Level-3
Electrical Fast Transient/ Brust	IEC 61000-4-4	Level-3
Electromagnetic Field	IEC 61000-4-3	Level-3
Surge	IEC 61000-4-5	Level-3
Conducted RF	IEC 61000-4-6	Level-2
Rated Power Frequency	IEC 61000-4-8	Level-4

Category	Reference Standards	Testing Level
Voltage Dip / Short Interruptions	IEC 61000-4-11	Level-3
Conducted Emissions	CISPR-11	Class-B
Rated Emissions	CISPR-22	Class-A
Emission & Immunity	IEC 61326-1	
Safety	IEC 61010-1	
PFMF (Passing criteria)	IEC 61000-4-8	Class A

Ordering information

XT546	85 to 270 VAC	- - -
XT546-CE	85 to 270 VAC	
XT546-24V	24 VDC	- - -