



**Features :**

- Single Set Point
- LED Indications : Relay ON, Seconds, Minutes, Hours
- 3 digits, 7 segment LED, Dual Display

Certification :

**Display Specifications**

Display	3 digits, 7 segment LED, Dual display Height of Upper Display : 0.3785" Height of Lower Display : 0.2720"
LED Indications	Relay ON, Hr / Min / Sec

**Input Specifications**

Accuracy	Setting : $\pm 0.05\%$ of set time or 50msec Repeat : $\pm 0.05\%$
Start Input	Gate / Pulse (Programmable)

**Output Specifications**

Relay Contact	2 C/O SPDT
Contact Rating	5A @ 250V AC

**Functional Specifications**

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

**Auxiliary Supply Specifications**

Supply Voltage	85 to 270V AC (50 / 60Hz) , 24V AC/DC (Optional) -15% to 10% tolerance
Power Consumption	4VA max

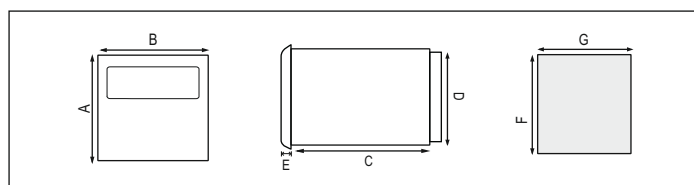
**Environmental Specifications**

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**

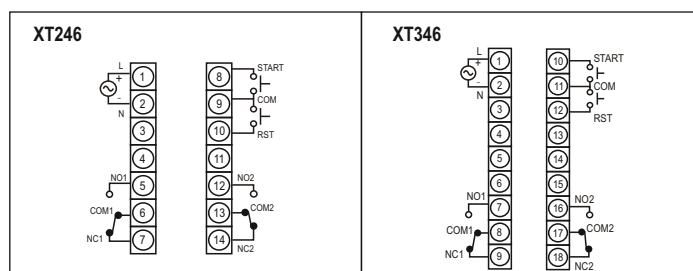
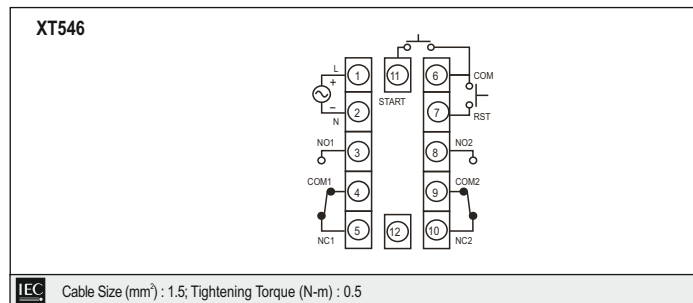
Mounting	Panel Mount
Weight	XT546 : 142gms XT246 : 180gms XT346 : 240gms

**Dimensions**



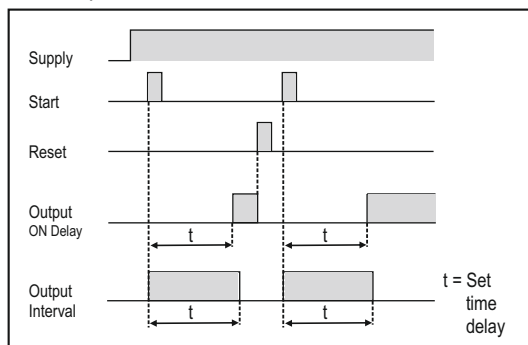
Models	DIM	A	B	C	D	E	F	G
XT546		48	48	94	45	4	46	46
XT246		72	72	83.7	67	10	69	69
XT346		96	96	73	90.5	10	92	92

**Terminal Connections**

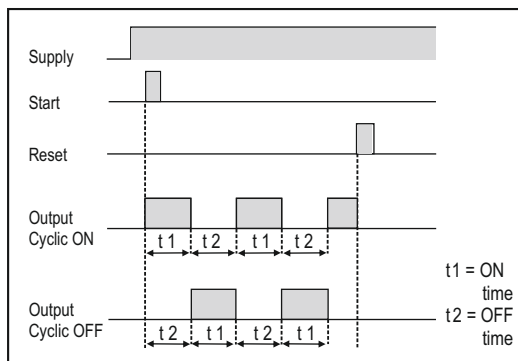


TIMING DIAGRAMS

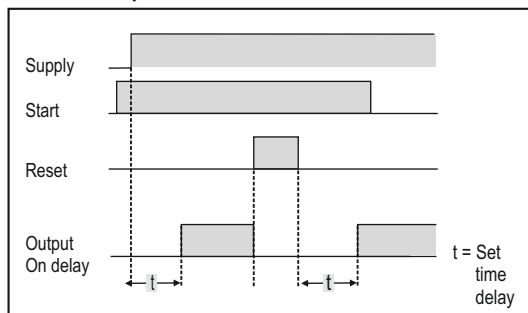
1. On delay, Interval modes :



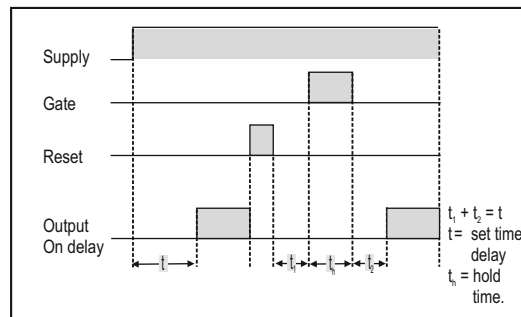
2. Cyclic ON first, Cyclic OFF first modes :



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



Typical application of Gate start :



Compliance

Applicable EMI / EMC Standards		
Product Standard		
Category	Reference Standards	Testing Level
Electrostatic Discharge	IEC 61000-4-2	Level-3
Electrical Fast Transient / Burst	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
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

Product Code	Supply Voltage	Certification
XT546	85 to 270V AC	---
XT546-CE	85 to 270V AC	CE
XT546-24V	24V AC / DC	---
XT246-24V	24V AC / DC	---
XT246	85 to 270V AC	---
XT346	85 to 270V AC	---