



48 x 48mm

**Features :**

- 7 Functions
- 9 Time Ranges
- 4 Digits, 7 segment LED Dual Display
- LED Status Indications : Relay Status, Seconds, Minutes, Hours
- Dual Set Point
- Batch Function

Certifications :

**Display Specifications**

Digits	4 digits, 7 segment LED, dual display
LED Indicators	1 : Relay 2 : Relay2, Second, Minutes, Hours

**Input Specifications**

Start Input	Gate / Pulse start (programmable)
Accuracy	±0.05% of F.S. or 50msec (F.S. = Full Scale)

**Output Specifications**

Relay Contact	2 C/O SPST
Contact Rating	5A @ 230V AC

**Functional Specifications**

Modes	ON delay, Interval, Cyclic ON first, Cyclic OFF first, Forward - Pause - Reverse, Instantaneous + Delayed Batch
Time Ranges	0 - 99.99sec 0 - 999.9sec 0 - 9999sec 0 - 99:59min : sec, 0 - 999.9min 0 - 9999min 0 - 99 : 59hr : min, 0 - 999.9hr 0 - 9999hr
Resolution	0.01sec
Counting Direction	Up / Down
Set Point	2
Time Setting	By keys on front panel
Reset	Front, Remote, On Power interruption (programmable)
Memory Retention	10 years
Configuration Lock	Password protected

**Auxiliary Supply Specifications**

Supply Voltage	90 to 270V AC / DC (50 / 60Hz), 24V AC / DC -15% to 10% tolerance
Power Consumption	5VAmax

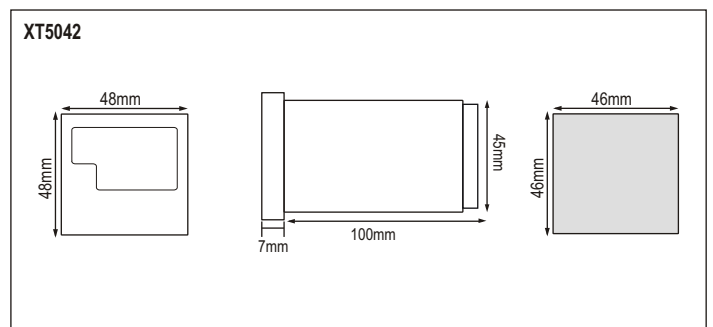
**Environmental Specifications**

Temperature	Operating : 0 to 50°C (32 to 122°F) Storage : -20 to 75°C (-4 to 167°F)
Humidity (non - condensing)	95% RH

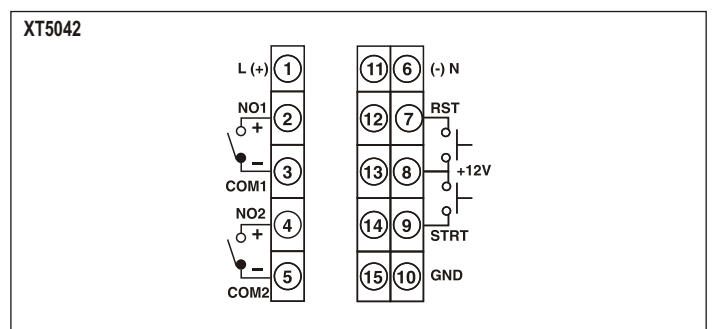
**Mechanical Specifications**

Mounting	Panel Mount
Weight	175gms

**Dimensions**



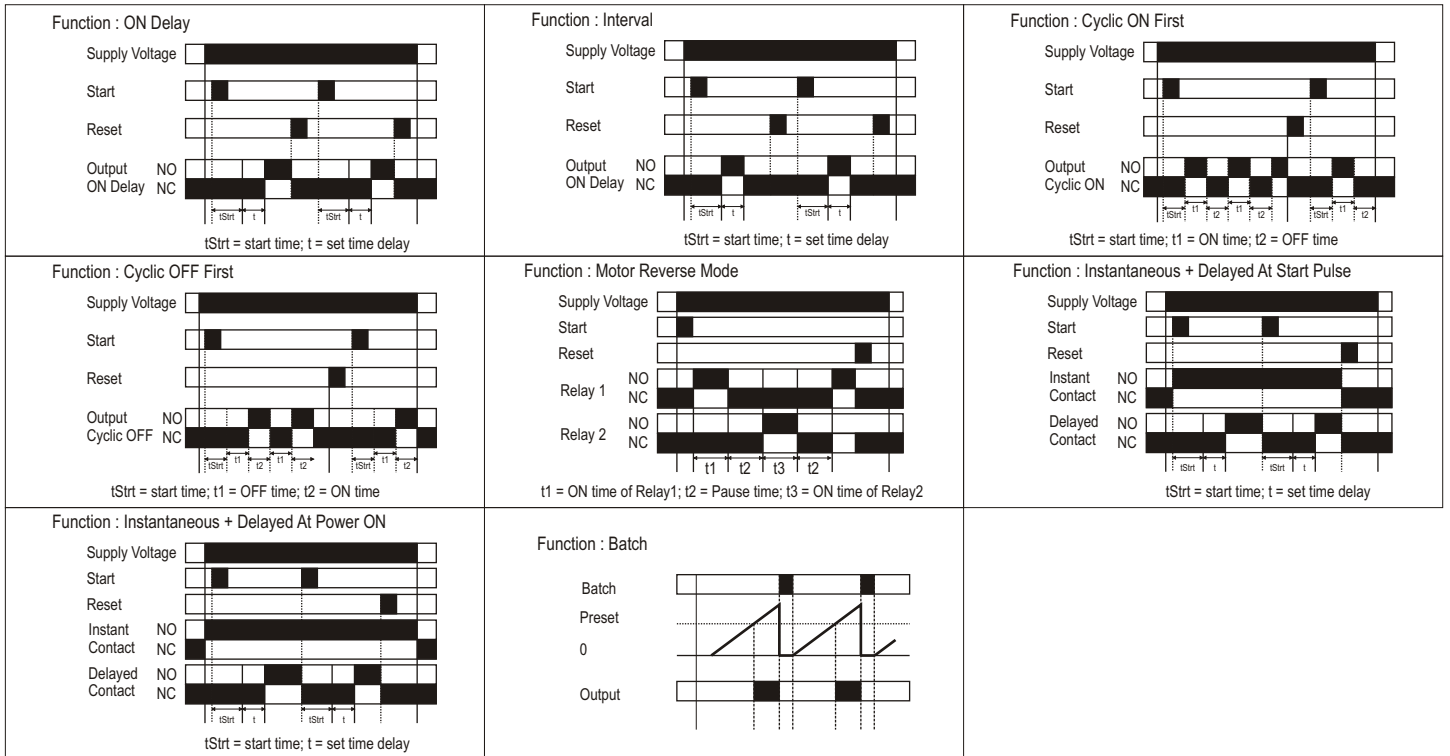
**Terminal Connections**



Cable Size (AWG) : 13; Stud Hole for Lug (inch) : 0.137; Tightening Torque (Lb - inch) : 7

Cable Size (mm²) : 2.5; Stud Hole for Lug (mm) : 3.5; Tightening Torque (N - m) : 0.8

TIMING DIAGRAMS



Compliance

Applicable EMI / EMC Standards		
Product Standard		
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
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
XT5042	90 to 270V AC / DC	CE
XT5042-CU	90 to 270V AC / DC	CE, cUL, US
XT5042-24V	24V DC	---