



48 x 48 mm

Features :

- Dual Display, 4 digits, 7 segment LED
- LED Indication : Relay1, Relay2, Seconds, Minutes, Hours
- 2 Set Points
- Programmable Input Scaling
- Down Counting for Timer, Up / Down Counting for Counter
- Batch Counting

Certifications :  

Display Specifications

| | |
|-----------------|---|
| Display | 4 digits, 7 segment LED |
| LED Indications | Relay1, Relay2, Seconds, Minutes, Hours |

Input Specifications

| | |
|-------------|--|
| Sensor Type | NPN / PNP |
| Input Type | Voltage pulse (3 to 30V DC) from Proximity switches, Solid state devices, Potential free contact encoder |
| Input Speed | a) 3Hz b) 30Hz c) 5kHz |
| Accuracy | Timer : $\pm 0.05\%$ of setting or 50 ms whichever is greater Counter : ± 2 counts |

Output Specifications

| | |
|----------------|---|
| Sensor Supply | Inbuilt, 12V DC, 30mA (short circuit protected) |
| Relay Contact | 2 C/O SPST |
| Contact Rating | 5A @ 230V AC |

Functional Specifications

| | |
|---------------------|---|
| Modes | Timer : ON delay, Interval, Cyclic ON first, Cyclic OFF first, Batch Counter : ON delay, Interval, Auto reset, Time pulse repeat, Batch |
| Ranges | Timer : 0 - 99.99 / 0 - 999.9 / 0 - 9999sec 0 - 99.59min : sec, 0 - 999.9 / 0 - 9999min 0 - 99.59hr : min, 0 - 999.9 / 0 - 9999hr Counter : - 999 to 9999 counts |
| Resolution | 0.01sec |
| Counting Directions | Timer : Down; Counter : Up / down |
| Set Points | 2 |
| Scale Factor | 0.001 to 9.999 x 10 ⁿ n = -3, -2, -1, 0, 1, 2 |
| Reset | Front, Remote, Power interruption |
| Memory Retention | Yes |
| Configuration Lock | Password protected |

Auxiliary Supply Specifications

| | |
|-------------------|---|
| Supply Voltage | 90 to 270V AC / DC (50 / 60Hz) -15% to 10% tolerance |
| Power Consumption | 5VA max |

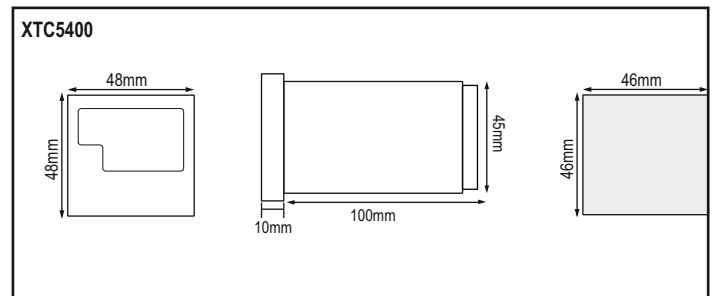
Environmental Specifications

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

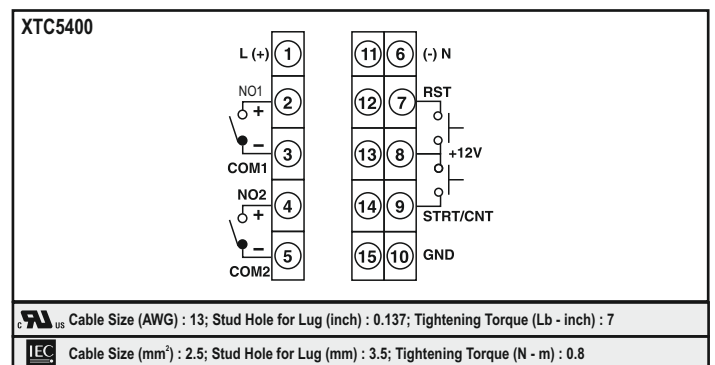
Mechanical Specifications

| | |
|----------|-------------|
| Mounting | Panel Mount |
| Weight | 170gms |

Dimensions




Terminal Connections



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 |
|--------------|--------------------|--|
| XTC5400 | 90 to 270V AC / DC | CE |
| XTC5400-CU | 90 to 270V AC / DC | CE  |