# 55XC

# Plug / Panel Mount Timer

48 x 48mm

## Features :

- Cyclic Timer with Unequal ON & OFF Time
- 6 Time Ranges
- Universal Supply Voltage
- LED Indications : Power ON, Relay ON
- Compact Size

Certifications : CE cULus E253771

### Display Specifications

| | |
|---|---|
| LED Indications | Power ON, Relay ON |

### Input Specifications

| | |
|---|---|
| Accuracy | Setting : ±5% of F.S.<br>Repeat : ±0.5% or 50 msec (F.S. = Full Scale) |

### Output Specifications

| | |
|---|---|
| Relay Contact | 2 C/O DPDT |
| Contact Rating | 5A @ 250V AC / 24V DC, resistive |

### Functional Specifications

| | |
|---|---|
| Modes | Cyclic ON first or OFF first |
| Time Ranges | 0 - 1sec / min / hr (ON Time) |
| | 0 - 10sec / min / hr (ON Time) |
| | 0 - 1sec / min / hr (OFF Time) |
| | 0 - 10sec / min / hr (OFF Time) |
| Resolution | 0.1sec |
| Reset | On power interruption |

### Auxiliary Supply Specifications

| | |
|---|---|
| Supply Voltage | 20 to 240V AC (50 / 60Hz)<br>12 to 240V DC |
| Power Consumption | 3VA max |

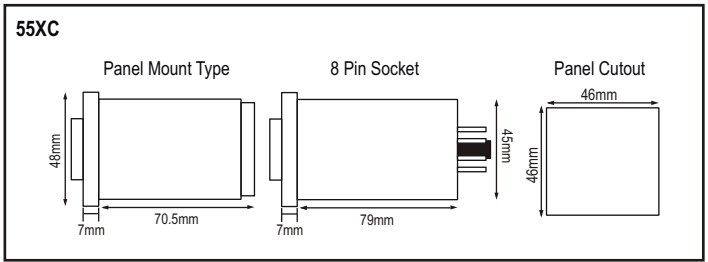
### Environmental Specifications

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

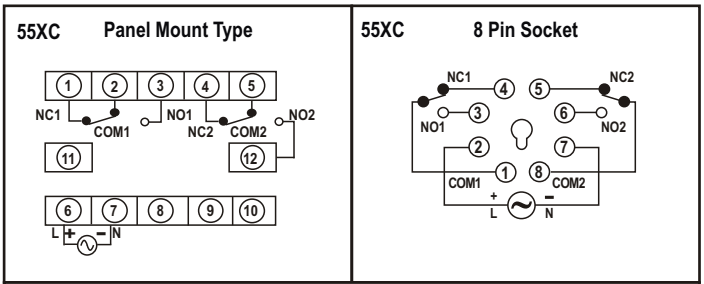
### Mechanical Specifications

| | |
|---|---|
| Mounting | Plug / Panel Mount |
| Weight | 80gms |

### Dimensions



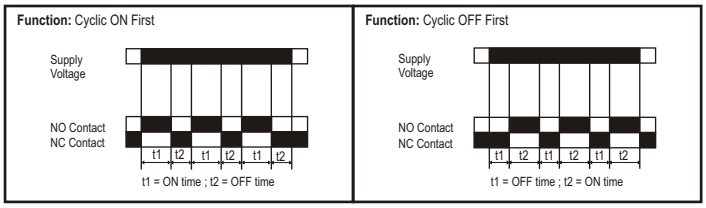

### Terminal Connections




cULus **Cable Size (AWG):** 16 ; **Tightening Torque (Lb-inch):** 4.5

IEC **Cable Size (mm²):** 1.5 ; **Tightening Torque (N-m):** 0.5

### Timing Diagram



**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 |
|---|---|---|
| **55XC-P8** | 20 to 240V AC<br>12 to 240V DC | – |
| **55XC-P8-CU** | 20 to 240V AC<br>12 to 240V DC | CE c UL us E253771 |
| **55XC-T8** | 20 to 240V AC<br>12 to 240V DC | – |
| **55XC-T8-CU** | 20 to 240V AC<br>12 to 240V DC | CE c UL us E253771 |