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. Repeat : ±0.5% or 50 msec (F.S. = Full scale)

Output specifications

Relay contact	2 C/O SPDT
Contact rating	5A @ 250V AC / 24V DC, Resistive

Functional specifications

Modes	Asymmetric 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 Reset time < 100msec

Auxiliary supply specifications

Supply voltage	20 to 240V AC (50 / 60Hz) 12 to 240V DC
Power consumption	3VA max

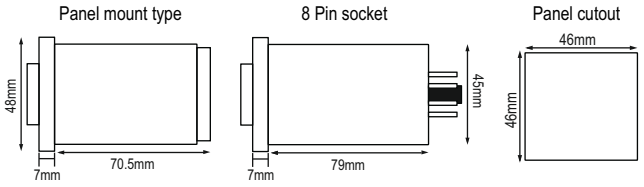
Environmental specifications

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

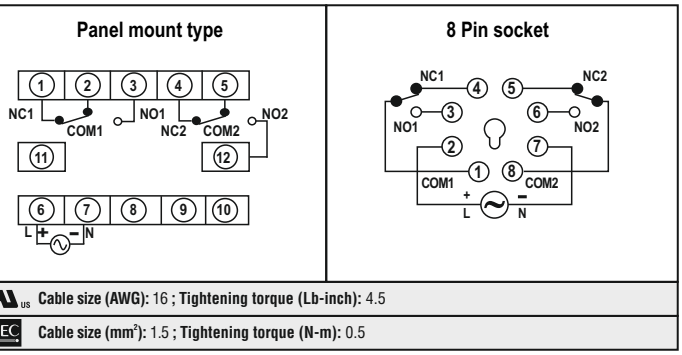
Mechanical specifications

Mounting	Plug / Panel mount
Weight	80 gms

Dimensions



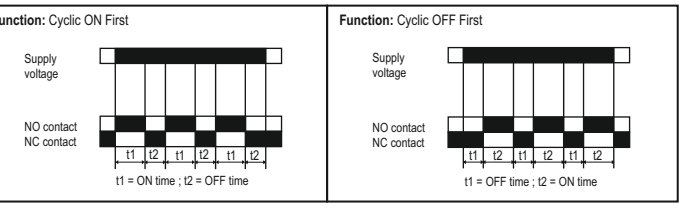
Terminal connections



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-P8-230V-G	20 to 240V AC, 12 to 240V DC	
55XC-T-230V-G	20 to 240V AC, 12 to 240V DC	