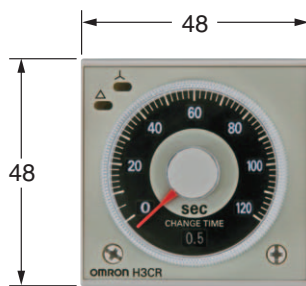


Star-delta TIMER

Order Code

H3CR-G8L AC100-120

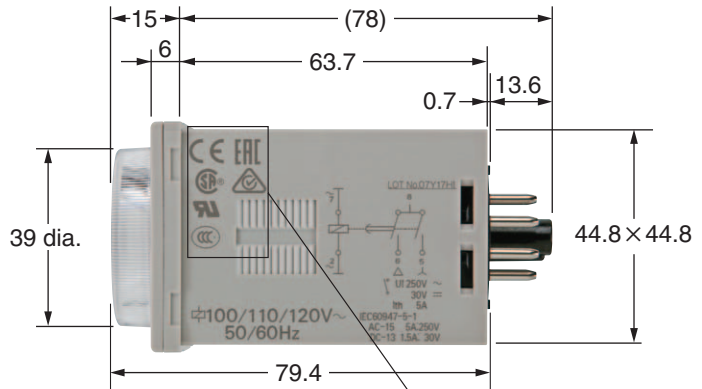
Dimensions (Unit: mm)



Front



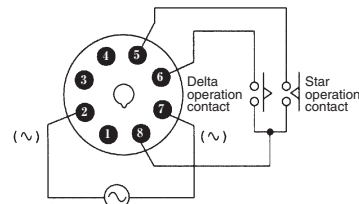
Top view



Side view

Pin Connection

H3CR-G8L (Contact Output)



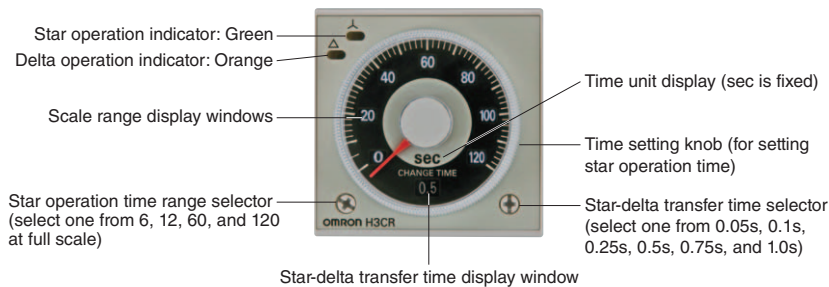
Note: Leave terminals 1, 3, and 4 open.

Technical criteria

Rated supply voltage	100 to 120 VAC (50/60 Hz)
Reset Power Off time	0.5 s min
Operating Temperature	-10 to 55 °C
Signal Input type	—
Start Signal input time	—
Output	Contact Output: Time limit contact, SPST-NO (Star-operation), SPST-NO (Delta-operation) 5 A at 250 VAC/30 VDC, 0.15 A at 125 VDC, resistive load (cosφ = 1) Minimum applicable load: 10 mA at 5 VDC (failure level: P). Contact Material: Ag alloy
Accuracy of Star-delta transfer time	±25% Full Scale + 5 ms or less
Operating mode	Star-delta timer
Safety Standards	UL 508, CSA C22.2 No.14 CCC CE Marking under EN 61812-1, IEC 60664-1 Marine Approvals (NK, Lloyds)

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Nomenclature

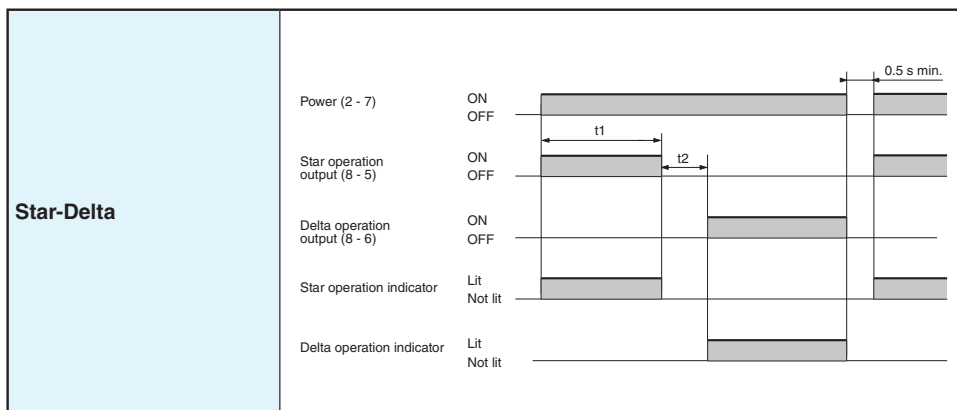


Time range

Time unit Scale number (max.)	Star operation time ranges	
6	Set time range	0.5 to 6 s
12		1 to 12 s
60		5 to 60 s
120		10 to 120 s

Star-delta transfer time	Programmable at 0.05 s, 0.1 s, 0.25 s, 0.5 s, 0.75 s, or 1.0 s
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Timing Chart



t1: Star operation time setting
t2: Star-delta transfer time

Accessories

DIN rail Mount Socket P2CF-08-E/P2CF-11-E	On-panel Mount Socket P3G-08/P3GA-11	On-panel Mounting Adaptor Y92F-30	Hard protect Cover Y92A-48B	Water Proof Cover (IP66) Y92A-48N
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