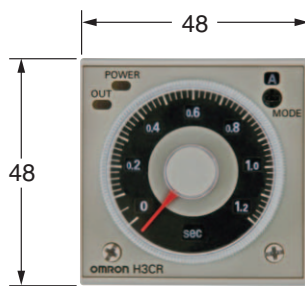


Multi-functional TIMER

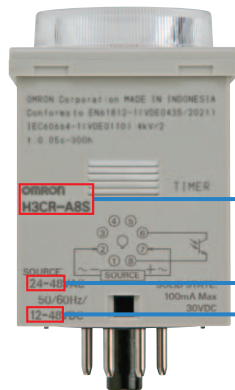
Order Code

H3CR-A8S AC24-48/DC12-48

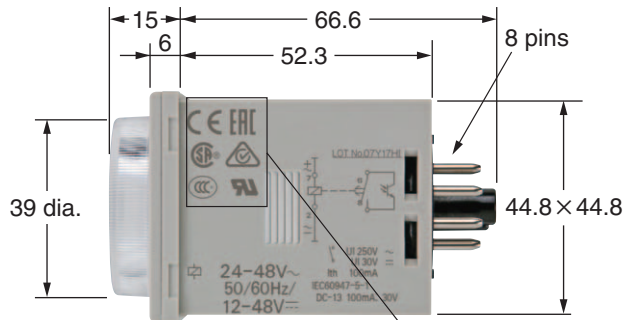
Dimensions (Unit: mm)



Front



Top view

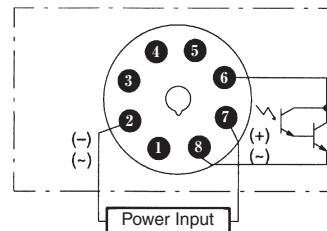


Side view

There is a case that the marks of Approval are updated.

Pin Connection

H3CR-A8S (Transistor Output)



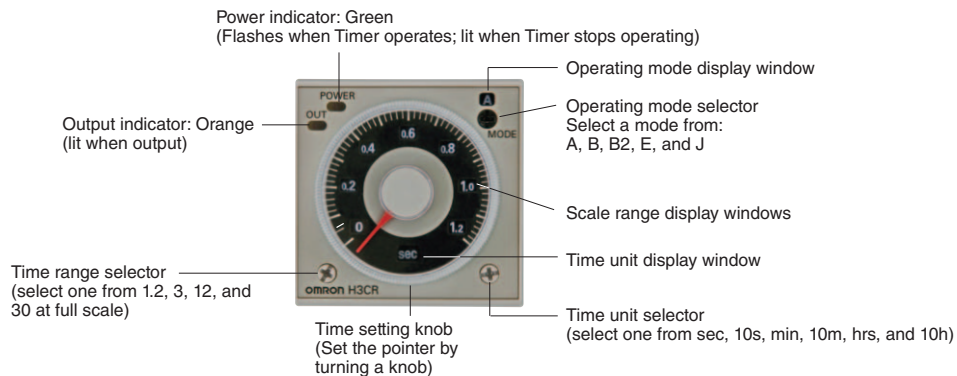
Note: Terminals 1, 3, 4, and 5 are empty.

Technical criteria

Rated supply voltage	24 to 48 VAC (50/60 Hz) or 12 to 48 VDC	
Reset Power Off time	0.1 s min	
Operating Temperature	-10 to 55 °C	
Signal Input type	—	
Start Signal input time	—	
Output	Transistor Output: Time limit (1 x NPN/PNP Universal use) 100 mA max at 30 VDC max., residual voltage: 2 VDC max.	
Time Setting Error	±0.2% Full Scale max. (±0.2% · 10 ms max. in a range of 1.2 s or 3 s)	
Operating mode	A: ON-delay (Power on start) E: Interval (Power on start) B: Flicker OFF start (Power on start) J: One-shot (Power on start) B2: Flicker ON start (Power on start)	
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	sec (second)	10s (x 10 seconds)	min (minute)	10m (x 10 minutes)	hrs (hour)	10h (x 10 hours)
Full scale setting	1.2	0.05 to 1.2	1.2 to 12	0.12 to 1.2	1.2 to 12	0.12 to 1.2
	3	0.3 to 3	3 to 30	0.3 to 3	3 to 30	0.3 to 3
	12	1.2 to 12	12 to 120	1.2 to 12	12 to 120	1.2 to 12
	30	3 to 30	30 to 300	3 to 30	30 to 300	3 to 30

Timing Chart

A: ON-delay	<p>Basic operation</p>	J: One-shot	<p>Basic operation</p>
B: Flicker OFF start	<p>Basic operation</p>		
B2: Flicker ON start	<p>Basic operation</p>		
E: Interval	<p>Basic operation</p>		

Accessories

<p>DIN rail Mount Socket</p> <p>P2CF-08-E/P2CF-11-E</p>	<p>On-panel Mount Socket</p> <p>P3G-08/P3GA-11</p>	<p>On-panel Mounting Adaptor</p> <p>Y92F-30</p>	<p>Hard protect Cover</p> <p>Y92A-48B</p>	<p>Water Proof Cover (IP66)</p> <p>Y92A-48N</p>
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0318 (0318)