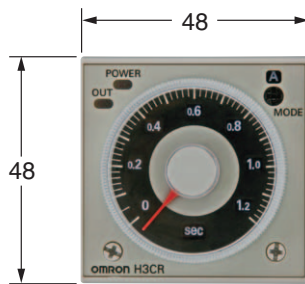


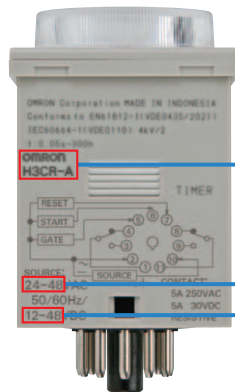
**Order Code**

# H3CR-A AC24-48/DC12-48

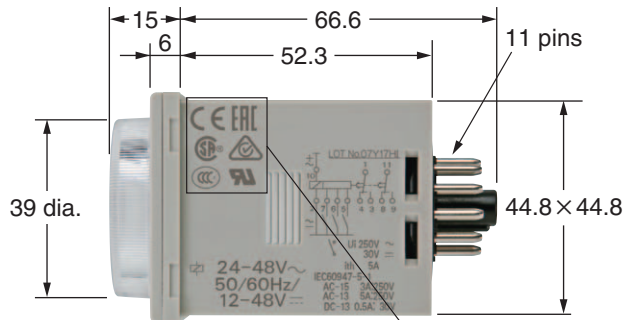
**Dimensions (Unit: mm)**



**Front**



**Top view**

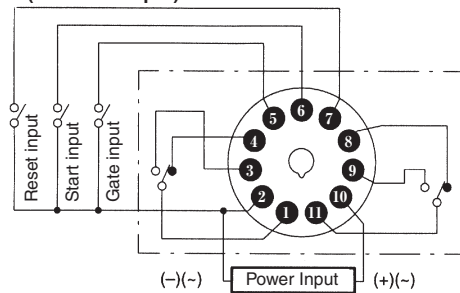


**Side view**

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

**Pin Connection**

**H3CR-A (Contact Output)**

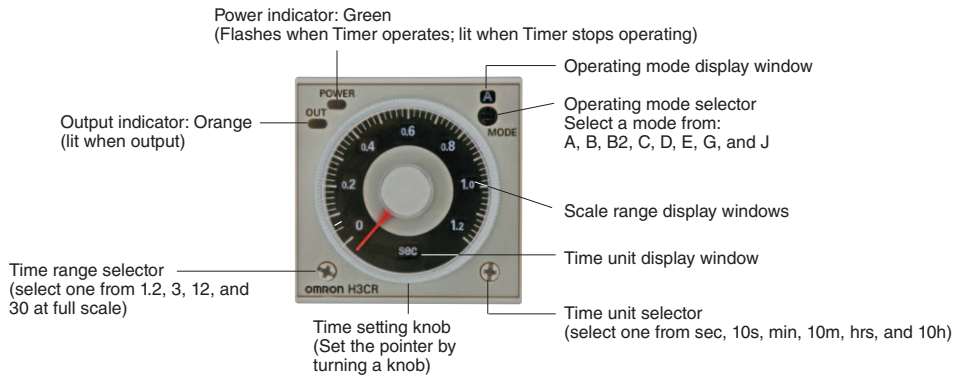


**Technical criteria**

<b>Rated supply voltage</b>	24 to 48 VAC (50/60 Hz) or 12 to 48 VDC	
<b>Reset Power Off time</b>	0.1 s min	
<b>Operating Temperature</b>	-10 to 55 °C	
<b>Signal Input type</b>	No-voltage input	
<b>Start Signal input time</b>	0.05 s min	
<b>Output</b>	Contact Output: Time limit contact (DPDT) 5A at 250 VAC/30 VDC, 0.15A at 125 VDC, resistive load (cosφ = 1) Minimum applied load: 10mA at 5 VDC (failure level: P, reference value) Contact materials: Ag-alloy	
<b>Time Setting Error</b>	±0.2% Full Scale max. (±0.2%·10 ms max. in a range of 1.2 s or 3 s)	
<b>Operating mode</b>	A: ON-delay B: Flicker OFF start C: Signal ON/OFF-delay	D: Signal OFF-delay E: Interval G: Signal ON/OFF-delay J: One-shot
<b>Safety Standards</b>	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.

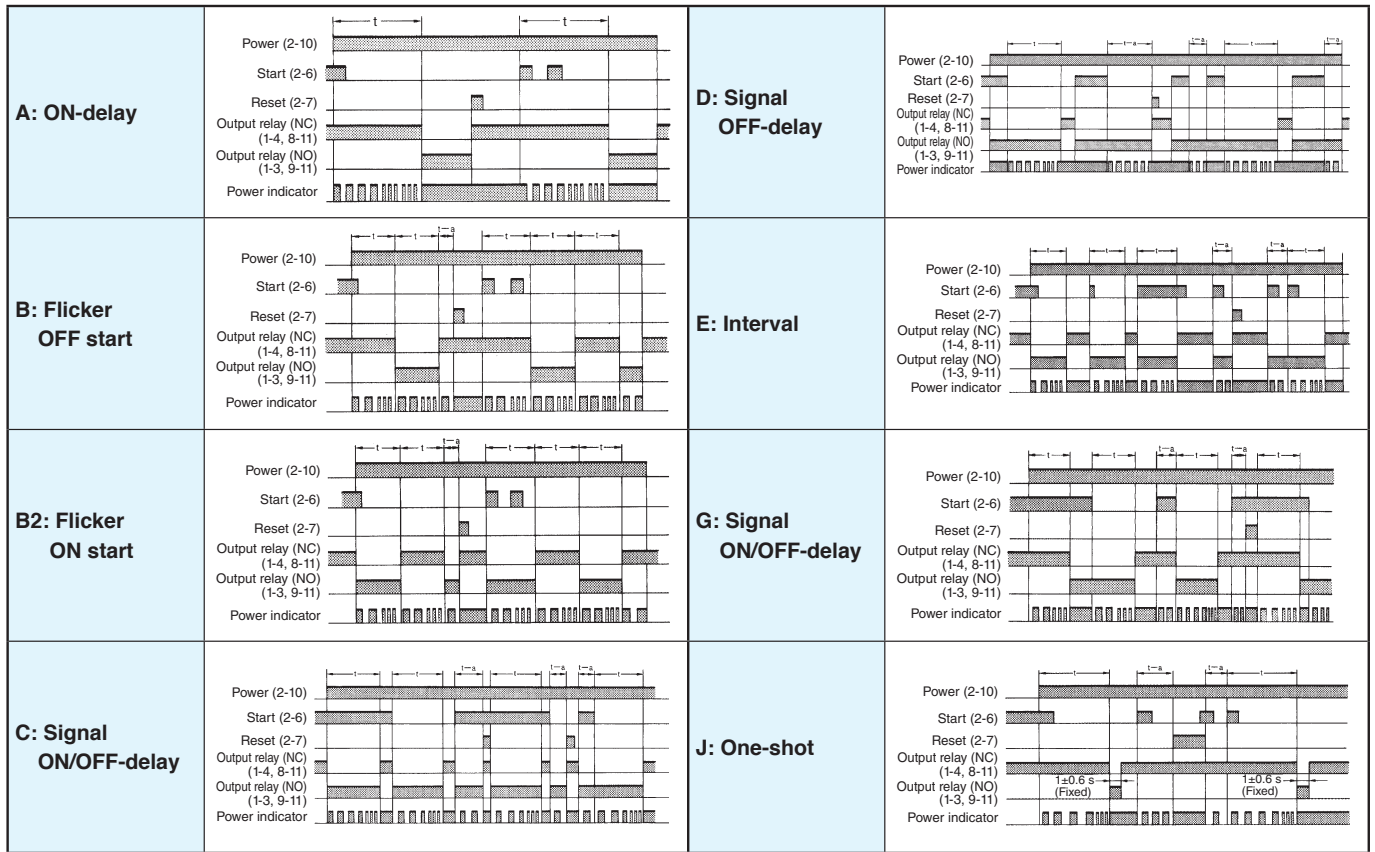
# Nomenclature



## 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



Note: Refer to the official Datasheet, how to use Gate input

## Accessories

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