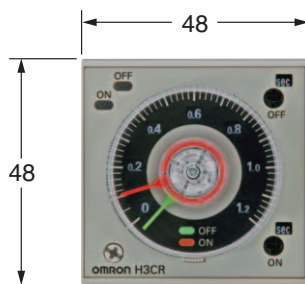


# Twin TIMER

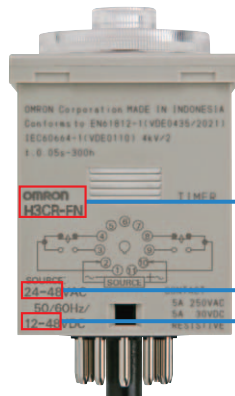
## Order Code

# H3CR-FN AC24-48/DC12-48

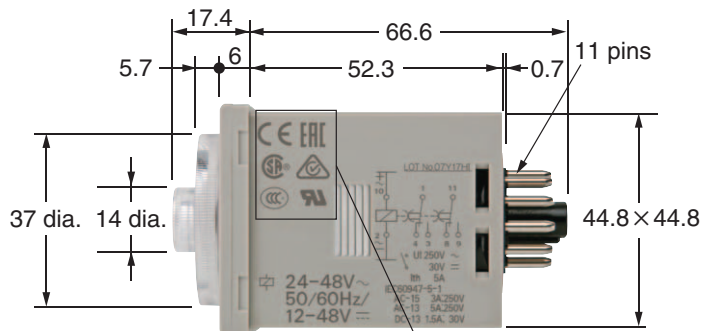
### Dimensions (Unit: mm)



Front



Top view

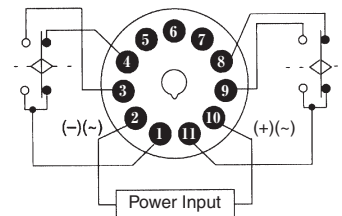


Side view

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

### Pin Connection

#### H3CR-FN (Contact Output)



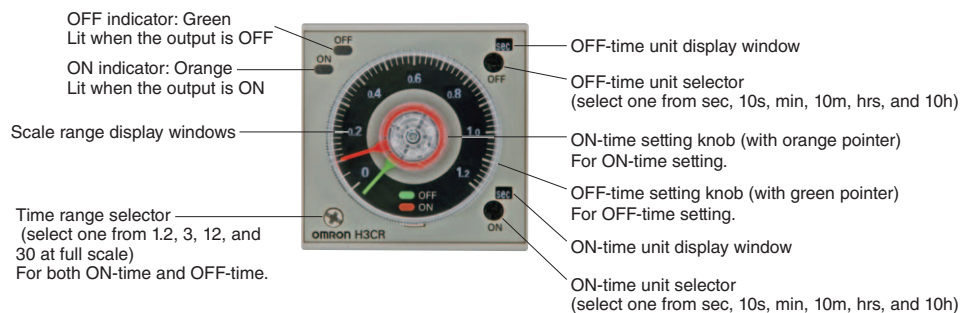
Note: Leave terminals 5, 6, and 7 open.

### 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	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
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	Twin Timers: Flicker 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.

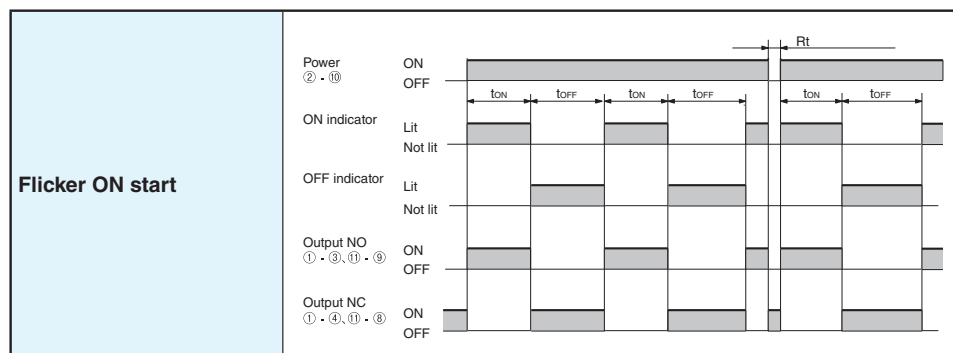
# Nomenclature



## 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	1.2 to 12
	3	0.3 to 3	3 to 30	0.3 to 3	3 to 30	0.3 to 3	3 to 30
	12	1.2 to 12	12 to 120	1.2 to 12	12 to 120	1.2 to 12	12 to 120
	30	3 to 30	30 to 300	3 to 30	30 to 300	3 to 30	30 to 300

## Timing Chart



$t_{ON}$ : ON set time  
 $t_{OFF}$ : OFF set time

- Note:**
1. Allow a timer reset time ( $R_t$ ) of 0.1 s or longer
  2. When the setting dial is turned all the way past 0 for instantaneous output, "t" (set time) in the above time chart is 0-sec operation.

## Accessories

<b>DIN rail Mount Socket</b>  <b>P2CF-08-E/P2CF-11-E</b>	<b>On-panel Mount Socket</b>  <b>P3G-08/P3GA-11</b>	<b>On-panel Mounting Adaptor</b>  <b>Y92F-30</b>	<b>Hard protect Cover</b>  <b>Y92A-48B</b>	<b>Water Proof Cover (IP66)</b>  <b>Y92A-48N</b>
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Cat. No. L152-E1-01

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