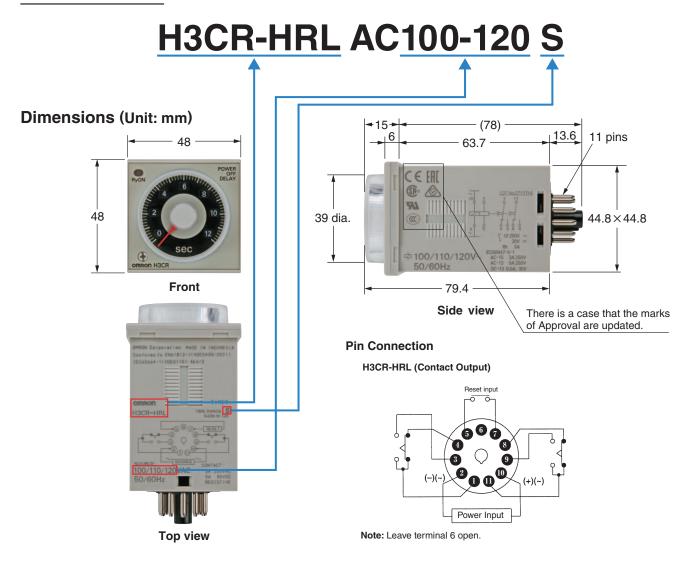


Power OFF-delay TIMER

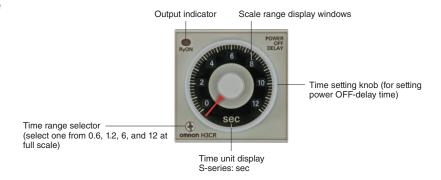
Order Code



Technical criteria

recimical criteria		
Rated supply voltage	100 to 120 VAC (50/60 Hz)	
Power On time	0.1 s min	
Operating Temperature	–10 to 55 °C	
Reset Input type	No-voltage input	
Reset input time	0.05 s min	
Output	Contact Output: Instantaneous operation/Time-limit reset/Forced reset (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	
Accuracy of operating Time	±0.2% Full Scale max. (±0.2% FS ±10 ms max. in ranges of 0.6 and 1.2 s)	
Setting error	±5% Full Scale ±50 ms max.	
Operation start voltage	30% max. of rated voltage	
Influence of voltage	±0.2% Full Scale max. (±0.2% FS ±10 ms max. in ranges of 0.6 and 1.2 s)	
Influence of temperature	±1% Full Scale max. (±1% FS ±10 ms max. in ranges of 0.6 and 1.2 s)	
Operating mode	Power OFF-delay with a reset input	
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



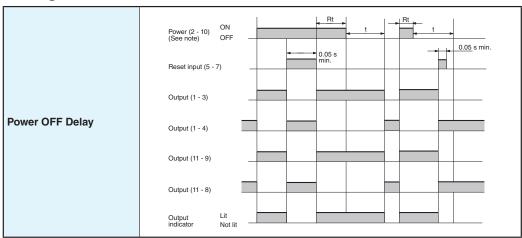
Time range

	Time unit	S-series
Scale number (max.)		sec (second)
0.6	Set time range	0.05 to 0.6
1.2		0.12 to 1.2
6		0.6 to 6
12		1.2 to 12
Min. power ON time		0.1 s min.
Time-up operation repeat period		3 s min.
Forced-reset repeat period		3 s min.

Note: 1. If the above minimum power ON time is not secured, the H3CR may not operate. Be sure to secure the above minimum power ON time.

2. Do not use the Timer with a repeat period of less than 3 s. Doing so may result in abnormal heating or burning.

Timing Chart



t: Set time

Rt: Minimum power ON time (0.1 s min.)

If the power ON time is less than this value, the Timer may not operate (i.e., output may not turn ON).

Note: If the power is turned ON until the set time is up, the timer will be retriggered.

Accessories



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