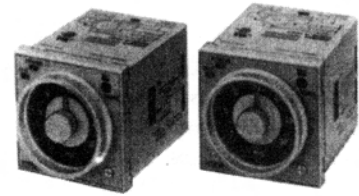


H3CR

Solid-State Timer

Features

- 1/16 DIN analog-set timer with many time ranges, operating modes, and aesthetics options
- Field-selectable time ranges from 0.05 second to 300 hours
- Choose 6- or 2-function models to handle most applications
- Wide range AC supply voltage models (100 to 240 VAC) fits most applications and reduces spare parts inventories
- Three external signal inputs for remote control of the timer

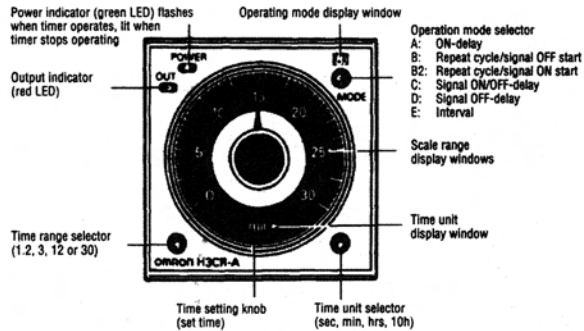


Ordering Information

Timers

Timing functions		ON-delay, Repeat cycle (B, B2), Signal ON/OFF delay, Signal OFF-delay, Interval	ON-delay and Interval
Terminal form		11-pin round	8-pin round
Contact output	100 to 240 VAC, 50/60 Hz	H3CR-A-AC100-240	H3CR-A8-AC100-240
Instantaneous output contact	100 to 240 VAC, 50/60 Hz	—	H3CR-A8EL-AC120-240

Range and Operation Mode Selection



Timing range	Time units			
	sec(onds)	min(utes)	hrs (hours)	10h (10 hours)
1.2	0.05 to 1.2	0.12 to 1.2	0.12 to 1.2	1.2 to 12
3	0.3 to 3	0.3 to 3	0.3 to 3	3 to 30
12	1.2 to 12	1.2 to 12	1.2 to 12	12 to 120
30	3 to 30	3 to 30	3 to 30	30 to 300
0	Instantaneous output*			

* Set time setting knob below zero.

Specifications

Part number		H3CR-A	H3CR-AS	H3CR-A8	H3CR-A8S	H3CR-A8EL
Supply voltage	AC	24 V or 100 to 240 VAC, 50/60 Hz				
	DC	12 V or 24 V				
Operating voltage	AC	85% to 110% of rated supply voltage				
	DC	90% to 110% of rated supply voltage at 12 VDC				
Power consumption	AC	10 VA				
	AC/DC	1.5 VA (AC), 0.8 W (DC)				
	DC	1.3 W				
Timing functions		ON-delay, Repeat cycle signal OFF start, Repeat cycle signal ON start, Signal ON/OFF delay, Signal OFF-delay, Interval		ON-delay, Interval		
Start, Reset, Gate inputs H3CR-A, H3CR-AS		No-voltage inputs ON impedance: 1 kΩ max. ON residual voltage: 1 V max. OFF impedance: 100 kΩ min.				
Control output	Type	DPDT relay	Transistor (NPN/PNP)	DPDT relay	Transistor (NPN/PNP)	SPDT relay (instantaneous contact)
	Max. load	5 A, 250 VAC (p.f.=1)	100 mA, 30 VDC	5 A, 250 VAC (p.f.=1)	100 mA, 30 VDC	5 A, 250 VAC (p.f.=1)
	Min. load	10 mA, 5 VDC	10 mA, 5 VDC	10 mA, 5 VDC	10 mA, 5 VDC	10 mA, 5 VDC
	Residual voltage	—	2 V max.	—	2 V max.	—
Repeat accuracy		±0.3% full scale max., except in 1.2 s range ±0.3% ±10 ms				
Mounting		Panel, track or surface depending on socket selected				
Approvals	UL	Recognized, File Number E41515				
	CSA	Certified, File Number LR22310				