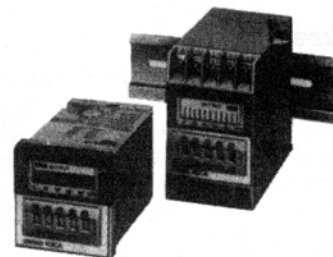


H3CA

Solid-State Timer



10

TIMERS & FLASHERS

Features

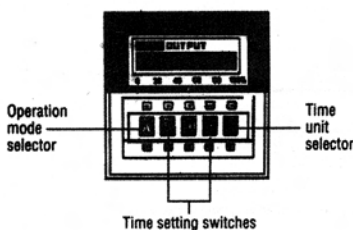
- 1/16 DIN, digital-set timer with 0.1 second to 9,999 hours range
- 8 field-selectable operation modes
- Universal AC/DC supply voltage timers available
- Operations include ON-delay, Repeat cycle, Signal Interval/OFF-delay, Signal-OFF delay (I and II), Interval, Cycle and Signal ON-delay/OFF-delay
- Time remaining LCD bar graph and LCD output status indicator

Ordering Information

		Part number		
		H3CA-A	H3CA-8H	H3CA-8
Supply voltages	AC	24 to 240 V, 50/60 Hz or 12 to 240 V	Specify 24 V, 100/110/120 V, or 200/220/240 V; 50/60 Hz	
	DC	24 to 240 V, 50/60 Hz or 12 to 240 V	Specify 12 V, 24 V, 48 V or 110 V	
Timing function		8 field-selectable functions	ON-delay only	
Contact type	Time limit	SPDT	SPDT	DPDT
	Instantaneous	—	SPDT	—
Terminal form		11-pin round socket	8-pin round socket	

Note: Add the supply voltage to the part number when you order ON-delay only timers H3CA-8 and H3CA-8H. For example, H3CA-8H-AC/100/110/120.

Range and Operation Mode Selection



Time unit	Timing range
0.1 s	0.1 to 99.9 seconds
s	1 to 999 seconds
0.1 m	0.1 to 99.9 minutes
m	1 to 999 minutes
0.1 h	0.1 to 99.9 hours
h	1 to 999 hours
10 h	10 to 9,999 hours

Mode	Operation
A	ON-delay
B	Repeat cycle
C	Signal Interval/OFF-delay
D	Signal OFF-delay I
E	Interval
F	Cycle
G	Signal ON-delay/OFF-delay
H	Signal OFF-delay II

Specifications

		Part number			
		H3CA-A	H3CA-FA	H3CA-8H	H3CA-8
Supply voltage	AC	24 to 240 V, 50/60 Hz			24 V, 100/110/120 V, 200/220/240 V; 50/60 Hz
	DC	12 to 240 V			12 V, 24 V, 48 V, 110 V, (permissible ripple factor: 20% max. using single-phase, full-wave rectified power sources)
Operating voltage		90 to 110% of rated voltage			
Power consumption	AC	3 VA			10 VA
	DC	3 W			2 W
Timing functions		8 field selectable modes: ON-delay, Repeat cycle, Signal Interval/OFF-delay, Signal ON-/OFF-delay, Signal OFF-delay (I and II), Interval and Cycle			ON-delay only
Start. reset. gate inputs		No voltage	No voltage	—	—
Control output	Type	SPDT		SPDT	DPDT
	Instantaneous	—		SPDT	—
	Max. load	3 A, 250 VAC (p.f. = 1)			
	Min. load	10 mA, 5 VDC			
Repeat accuracy		±0.3 %, ±0.05 sec (includes variation due to voltage and temperature changes)			
Mounting		Panel, track, surface			
Approvals	UL	Recognized, File No. E41515			
	CSA	Certified, File No. LR22310			
	Others	SEV, File No. 1021			