

# Solid-state Timer H3CA

CSM\_H3CA\_DS\_E\_3\_1

## DIN-sized (48 x 48, 45 x 75 mm) Timer with Digital Setting and LCD Display

- Dual power supplies for free AC/DC.
- Eight operation modes selectable with one unit.
- Any desired time can be set digitally within a range from 0.1 seconds to 9,990 hrs.
- Four external signal inputs.
- ON/OFF indicator for control output and bar indicator for remaining time.
- Conforms to UL, CSA, and CE marking.



## Ordering Information

Operation/resetting system	Operation mode	Terminal	Time-limit contact	Instantaneous contact	Mounting	
					Surface mounting/ track mounting	Flush mounting
Time-limit operation/self-resetting/external resetting (see note 2)	8 operation modes (selectable) (see note 3)	11-pin round socket	SPDT	---	H3CA-A	H3CA-A
		Front screw			H3CA-FA	---
Time-limit operation/self-resetting	ON-delay operation	8-pin round socket	DPDT	---	H3CA-8	H3CA-8
			SPDT	SPDT	H3CA-8H	H3CA-8H

- Note:** 1. Specify both the model number and supply voltage when ordering for the H3CA-8H and H3CA-8.  
 2. The operation/resetting system depends on the selected operation mode. For details, see "Timing Chart".  
 3. The 8 operation modes are as follows:

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| A: ON-delay operation                | E: Interval operation                |
| B: Repeat cycle operation            | F: One-shot and flicker operation    |
| C: Signal ON/OFF-delay operation (1) | G: Signal ON/OFF-delay operation (2) |
| D: Signal OFF-delay operation (1)    | H: Signal OFF-delay operation (2)    |

## Accessories (Order Separately)

Timer	Track mounted socket (See note.)	Back connecting socket	
		Solder terminal	Screw terminal
H3CA-A	P2CF-11	PL11	P3GA-11
H3CA-8H/H3CA-8	P2CF-08	PL08	P3G-08

**Note:** Track mounted socket can be used as a front connecting socket.

## Specifications

### Time Ranges

A desired time can be set within a range of 0.1 s to 9,990 hrs by combining the three thumbwheel switch modules for time setting and one module for time unit selection.

Time unit	0.1 s	1 s	0.1 min	1 min	0.1 hrs	1 hr	10 hrs
Time range	1 to 999 (3 digits)						
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <span>0</span><span>0</span><span>1</span><span>0.1</span><span>S</span> to <span>9</span><span>9</span><span>9</span><span>10</span><span>h</span> </div>						

