

NEW

# OMRON

## Solid-state Timers H3DK

DIN 22.5-mm-width Timers That Easily Fit into Panel Designs.



H3DK-M  
Multi-range, Multi-mode Timer



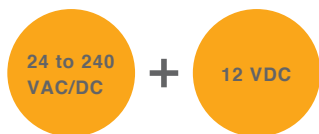
H3DK-F  
Twin Timer

H3DK-G  
Star-delta Timer

H3DK-H  
Power OFF-delay Timer

### Easy Designing with Wide-range Power Supply.

The lineup includes models with a wide-range power supply voltage from 24 to 240 VAC/DC as well as models with a power supply voltage of 12 VDC.



### Safe, Easy-to-use Terminals.

Safe application is ensured by finger-safe terminal blocks and captive screws\*.

Integrated terminal covers and finger protection



\*Conforms to EN 50274.

### Multiple Time Ranges for More Flexibility.

H3DK-M Timers provide 8 operating modes while H3DK-S Timers provide 4 operating modes to increase application ability.

#### Eight-mode Timers

- Operating Modes
- A: ON Delay
- B: Repeat Cycle OFF start
- B2: Repeat Cycle ON start
- C: Signal ON/OFF Delay
- D: Signal OFF Delay
- E: Interval
- G: Signal ON/OFF Delay
- J: One-shot Output



H3DK-M1/M2

#### Four-mode Timers

- Operating Modes
- A: ON Delay
- B2: Repeat Cycle ON start
- E: Interval
- J: One-shot Output



H3DK-S1/S2

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## Features

- ▶ A wide AC/DC power supply range (24 to 240 VAC/DC)\*.
- ▶ All sub-series include models with 12-VDC power supply\*.
- ▶ Finger-safe terminal block and captive screws according to EN 50274.
- ▶ UL and CSA certification and EN 61812-1 compliance. CE and CCC marking.
- ▶ EMC (EN 61812-1) compliance for application in heavy industrial, residential, commercial, or light industrial environments.

\*Except for the H3DK-H.

## Ordering Information

### ● H3DK-M/H3DK-S Multi-range, Multi-mode Timer

Supply voltage		Control output	H3DK-M/H3DK-S	
			Eight-mode Timer	Four-mode Time
24 to 240 VAC/DC	Contact output, DPDT (time-limit DPDT, or time-limit SPDT and instantaneous SPDT) (Selected using a switch.)	Model	H3DK-M2	H3DK-S2
			H3DK-M1	H3DK-S1
12 VDC	Contact output, SPDT (time-limit SPDT)		H3DK-M2A	H3DK-S2A
			H3DK-M1A	H3DK-S1A

### ● H3DK-F Twin Timers

Supply voltage	Control output	H3DK-F	
24 to 240 VAC/DC	Contact output: SPDT	Model	H3DK-F
12 VDC	Contact output: SPDT		H3DK-FA

### ● H3DK-H Power OFF-delay Timers

Supply voltage		Control output	H3DK-H	
			S Series (time range: 0.1 to 12 s)	L Series (time range: 1.0 to 120 s)
100 to 120 VAC	Contact output: SPDT	Model	H3DK-HCS	H3DK-HCL
200 to 240 VAC	Contact output: SPDT		H3DK-HDS	H3DK-HDL
24 to 48 VAC/DC	Contact output: SPDT		H3DK-HBS	H3DK-HBL

### ● H3DK-G Star-delta Timers

Supply voltage	Control output	H3DK-G	
24 to 240 VAC/DC	Contact outputs Delta circuit: SPDT, Star circuit: SPDT	Model	H3DK-G
12 VDC			H3DK-GA
240 to 440 VAC			H3DK-GE

## The H3DE has been transformed into the H3DK.

H3DK Timers are even easier to use and yet fully compatible in size, performance, and functionality.

### H3DE Series



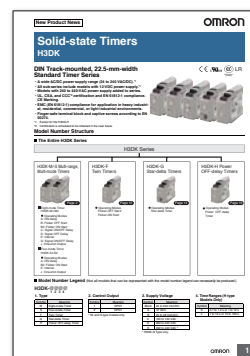
Manufacturing scheduled to be discontinued.

### H3DK Series



Fully compatible in performance, functionality, and dimensions.

## H3DK Datasheet



First, take a look at the datasheet.

Cat. No. L118

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In the interest of product improvement, specifications are subject to change without notice.

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