

## Product Discontinuation Notices

December 1, 2010

Timers

No. 2010296E

### Discontinuation Notice of Solid-state Timer. Model H3DE series

**REQUEST**

There was modification in portion of product discontinuation notices of Product News No. 2010296E of 2010 December issue. What we have changed is as follows; Change discontinuation date : From October 31, 2011 To April 30, 2011.  
Please abolish old edition, replace the latest No. 2010296E.

**Product Discontinuation****Recommended Replacement****H3DE series****H3DK series****Discontinuation date : The end of April, 2011****Caution on recommended replacement**

Model change, with the renewal.

**Difference from discontinued product**

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
H3DK series	**	*	**	*	*	**	*

\*\* : Fully compatible

\* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

## Product Discontinuation and recommended replacement

Product discontinuation		Recommended replacement
Model		Model
H3DE-M1		H3DK-M1
H3DE-M2		H3DK-M2
H3DE-S1		H3DK-S1
H3DE-S2		H3DK-S2
H3DE-F		H3DK-F
H3DE-G		H3DK-G
H3DE-H	AC/DC24V S	H3DK-HBS
	AC/DC48V S	
	AC/DC24V L	H3DK-HBL
	AC/DC48V L	
	AC100-120V S	H3DK-HCS
	AC100-120V L	H3DK-HCL
	AC200-230V S	H3DK-HDS
	AC200-230V L	H3DK-HDL

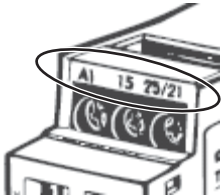
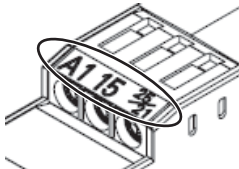
## Body color

Product discontinuation	Recommendable replacement
There is no change body color.	

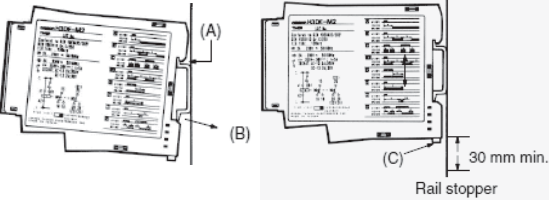
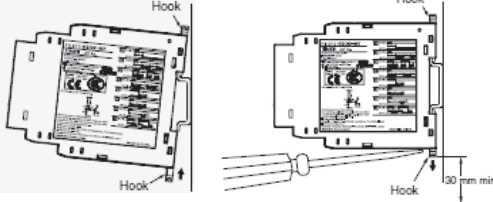
## Dimensions

Product discontinuation	Recommendable replacement

## Wire Connection

Product discontinuation	Recommendable replacement
<p><b>Display terminal number</b> Printing</p> 	<p>Label (There is no change Terminal arrangement/Wired)</p> 

## Mounting dimensions

Product discontinuation	Recommendable replacement
<p>It will be easier to mount and dismount the Timer if a distance of 30 mm or more is provided between the bottom of the Timer and other equipment.</p>  <p><b>Mounting</b> When mounting the H3DE on a socket mounting track, hook portion (A) of the Timer to an edge of the track first, and then depress the Timer in the direction of (B).</p> <p><b>Removing</b> The H3DE can be mounted and dismounted with ease if a distance of 30 mm or more is kept between the H3DE and the top surface of other equipment located below the H3DE.</p>	<p>It will be easier to mount and dismount the Timer if a distance of 30 mm or more is provided between the bottom of the Timer and other equipment. (Changed method of mounting and removing. Please see follow.)</p>  <p><b>Mounting</b> When mounting the Timer on a mounting Track, loosen the two hooks, press the Timer onto the Track, and then insert the hooks.</p> <p><b>Removing</b> When removing the Timer, pull out the two hooks, and then remove the Timer from the Track.</p>

## Characteristics

Product discontinuation	Recommendable replacement
<p><b>Time Ranges</b>            Model H3DE-M1/M2/S1/S2            Time range setting (Full Scale)            1.2s, 12s, 1.2min, 12min, 1.2h, 12h, 120h</p> <p>Model H3DE-F            Time range setting (Full Scale)            1.2s, 12s, 120s, 1.2min, 12min, 1.2h, 12h</p> <p><b>Power supply voltage</b>            Model H3DE-M1/M2/S1/S2/F/G            24 to 230 VAC/DC, 50/60 Hz</p> <p>Model H3DE-H            24 VAC/VDC, 50/60 Hz            48 VAC/VDC, 50/60 Hz            100 to 120 VAC, 50/60 Hz            200 to 230 VAC, 50/60 Hz</p> <p><b>Power consumption</b>            Model H3DE-M1            At 230 VAC: 4.3 VA max.            At 24 VDC: 0.7 W max.            Model H3DE-S1            At 230 VAC: 2.7 VA max.            At 24 VDC: 0.7 W max.</p> <p>Model H3DE-M2            At 230 VAC: 4.8 VA max.            At 24 VDC: 1.0 W max.            Model H3DE-S2            At 230 VAC: 3.2 VA max.            At 24 VDC: 1.0 W max.</p> <p>Model H3DE-F            At 230 VAC: 3.1VA max.            At 24 VDC: 0.8W max.</p> <p>Model H3DE-G            At 230 VAC: 3VA max.            At 24 VDC: 0.8W max.</p>	<p>Model H3DK-M1/M2/S1/S2            Time range setting (Full Scale)            1.2s, 12s, 120s, 12min, 120min, 12h, 120h, 1200h</p> <p>Model H3DK-F            Time range setting(Full Scale)            1.2s, 12s, 120s, 12min, 120min, 12h, 120h, 1200h</p> <p>Model H3DK-M1/M2/S1/S2/F/G            24 to 240 VAC/DC, 50/60 Hz</p> <p>Model H3DK-H            24 to 48 VAC/DC, 50/60 Hz            (24VAC/DC and 48VAC/DC uniform)            100 to 120 VAC, 50/60 Hz            200 to 240 VAC, 50/60 Hz</p> <p>Model H3DK-M1/S1            At 240 VAC: 4.5 VA max.            At 24 VDC: 1.1 W max.</p> <p>Model H3DK-M2/S2            At 240 VAC: 6.6 VA max.            At 24 VDC : 1.2W max.</p> <p>Model H3DK-F            At 240 VAC : 4.5VA max.            At 24 VDC : 1.1W max.</p> <p>Model H3DK-G            At 240 VAC : 6.6VA max.            At 24 VDC : 1.2W max.</p>

## Characteristics

Product discontinuation	Recommendable replacement
<p><b>Power consumption</b></p> <p>Model H3DE-H (24 VAC/VDC) At 24 VAC : 0.3VA max. At 24 VDC : 0.2W max.</p> <p>Model H3DE-H (48 VAC/VDC) At 48 VAC : 0.5VA max. At 48 VDC : 0.5W max.</p> <p>Model H3DE-H(100 to 120 VAC) At 120 VAC : 0.8VA max.</p> <p>Model H3DE-H(200 to 230 VAC) At 230 VAC : 1.6VA max.</p> <p><b>Ambient operating temperature</b> -10 to 55°C</p> <p><b>Storage temperature</b> -25 to 65°C</p> <p><b>Ambient operating humidity</b> 35% to 85%</p>	<p>Model H3DK-HBS/HBL(24 to 48 VAC/DC) At 48 VAC : 1.2VA max. At 24 VDC : 1.2W max.</p> <p>Model H3DK-HCS/HCL(100 to 120 VAC) At 120 VAC : 11.7VA max.</p> <p>Model H3DK-HDS/HDL(200 to 240 VAC) At 240 VAC : 29.5VA max.</p> <p>-20 to 55°C</p> <p>-40 to 70°C</p> <p>25% to 85%</p>

## Operation ratings

Product discontinuation	Recommendable replacement
There is no change operation ratings.	

## Operation methods

### Product discontinuation

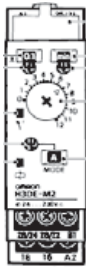
#### Nomenclature

Model H3DE-M1/M2/S1/S2

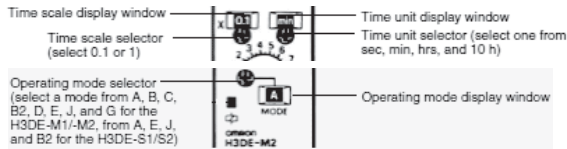
The setting of time and operating mode select switch

Select switch: Time scale/Time unit/Operating mode

Method of setting: Switch and display window



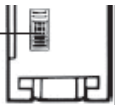
Default setting : 1sec and A mode



#### Output type select switch

Method of setting: (Bottom) Select switch  
(Slide type)

Output type selector switch for H3DE-M2/S2 (default setting is time-limit output)



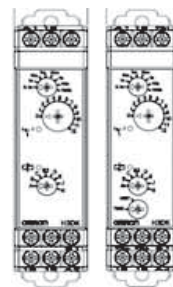
### Recommendable replacement

Model H3DK-M1/M2/S1/S2

Select switch: Time range(unit)/Operating mode

Method of setting: Switch with the arrow

Model H3DK-M1/M2

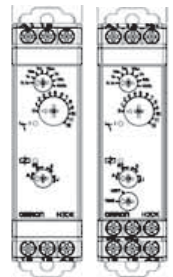


Time range switch

Operating mode switch

Default setting : 0.1sec and A mode

Model H3DK-S1/S2



Time range switch

Operating mode switch

Default setting : 0.1sec and A mode

Method of setting: (Front) Select switch  
(Rotary type by the driver)

INIT/TIME switch for relay R2  
(Default setting is for time-limit output.)\*



## Operation methods

### Product discontinuation

#### Nomenclature

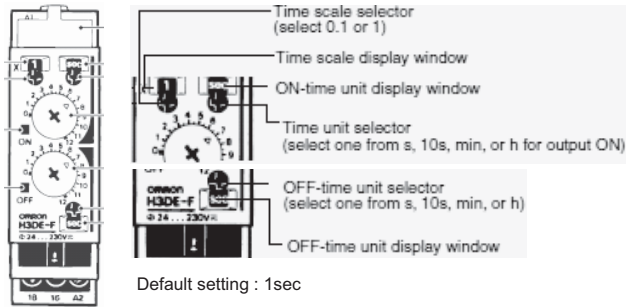
Model H3DE-F

The setting of time select switch

Select switch: Time scale / Time unit

(Sets the ON time and Off time)

Method of setting: Switch and display window



ON/OFF start select switch

Method of setting: (Bottom) Select switch (Slide type)

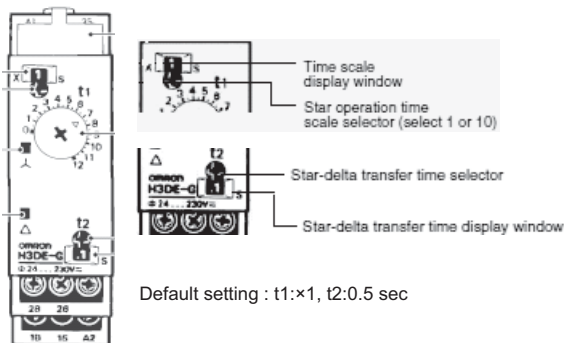


Model H3DE-G

The setting of time select switch

Select switch: Time scale /Star-delta transfer time

Method of setting: Switch and display window



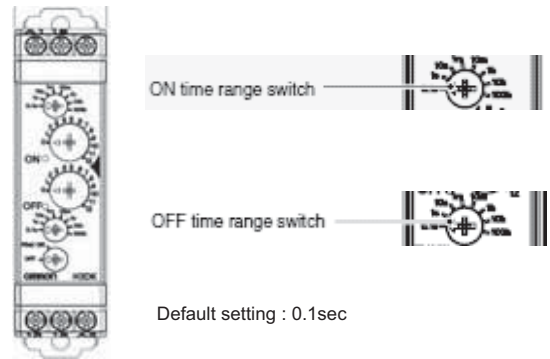
### Recommendable replacement

Model H3DK-F

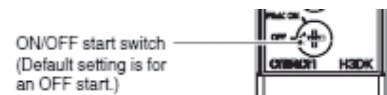
Select switch: Time range(unit)

(Sets the ON time and Off time)

Method of setting: Switch with the arrow



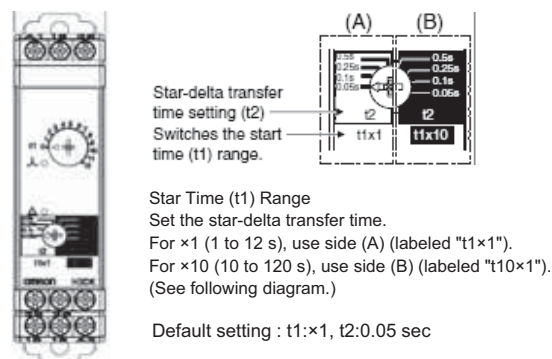
Method of setting: (Front) Select switch (Rotary type by the driver)



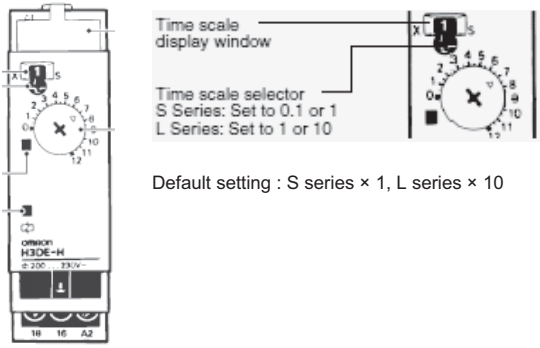
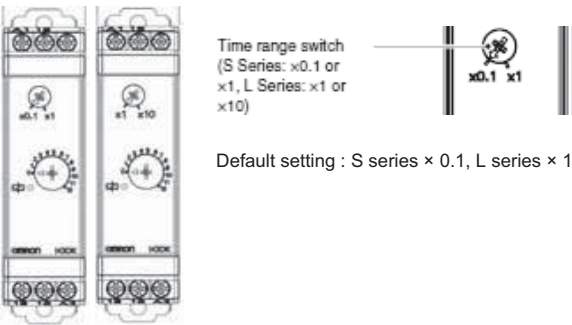
Model H3DK-G

Select switch: Time ranges (Please see follow)




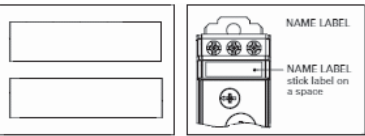
Method of setting: Switch with the arrow



## Operation methods

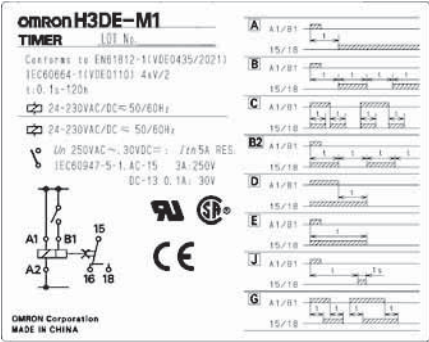
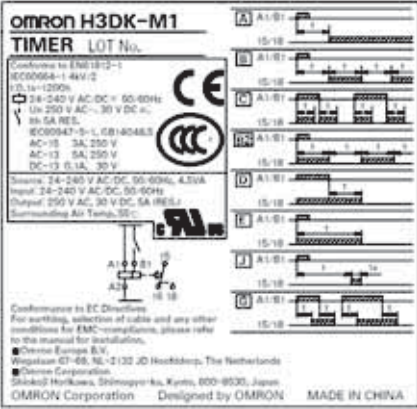
Product discontinuation	Recommendable replacement
<p><b>Nomenclature</b>            Model H3DE-H            The setting of time select switch            Select switch: Time scale            Method of setting: Switch and display window</p>  <p>Time scale display window</p> <p>Time scale selector            S Series: Set to 0.1 or 1            L Series: Set to 1 or 10</p> <p>Default setting : S series × 1, L series × 10</p>	<p>Model H3DK-H[S]/ H[L]</p> <p>Select switch: Time range (unit)            Method of setting: Switch with the arrow</p>  <p>Time range switch            (S Series: ×0.1 or ×1, L Series: ×1 or ×10)</p> <p>Default setting : S series × 0.1, L series × 1</p>

## Accessory

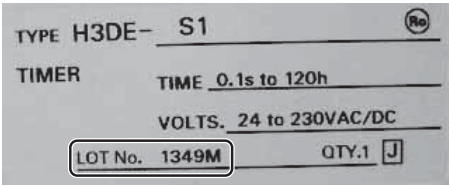


Product discontinuation	Recommendable replacement
<p><b>Nameplate</b></p>  <p>Nameplate for user use (20 x 5.4 mm white panel)</p> <p><b>Handbill</b>            Along with the renewal of the demand of EMC Directive, explanatory leaflet listed assembly, installation, maintenance and other demands of products have added.            Size of handbill: B8 (64mmX91mm)</p> <p>Japanese notation</p>  <p>English notation</p> 	<p>Change from a nameplate to a name label.</p>  <p>NAME LABEL            NAME LABEL            stick label on a space</p> <p>Information in this handbill was shown to the body label.(Please see next body label)</p>



**Label**

Product discontinuation	Recommendable replacement
<p><b>Body Label</b></p> <p>Lot No.: Production year of last digit            e.g. □ □ □ □ □            (1) (2) (3) (4) (5)</p> <p>(1),(2) Production Day: 01-31            (3) Production Month: 1 to 9, X,Y,Z                                              X = 10, Y = 11, Z = 12            (4) Production Year:                                              Last digit of the year            (5) Abbreviation code for Production                                              Factory</p> 	<p>Lot No.: Production year of last digit            e.g. □ □ □ □ □ □            (1) (2) (3) (4) (5) (6)</p> <p>(1),(2) Production Day: 01-31            (3) Production Month: 1 to 9, X,Y,Z                                              X = 10, Y = 11, Z = 12            (4),(5) Production Year:                                              Last two digits of the year            (6) Abbreviation code for Production                                              Factory</p> <p>Other label changes are followings:</p> 

## Packing case

Product discontinuation	Recommendable replacement
<p><b>Packing case</b> White printing</p> <p><b>Packing Case Label</b> Lot No.: Production year of last digit e.g. □ □ □ □ □ (1) (2) (3) (4) (5) (1),(2) Production Day: 01-31 (3) Production Month: 1 to 9, X,Y,Z X = 10, Y = 11, Z = 12 (4) Production Year: Last digit of the year (5) Abbreviation code for Production Factory</p> <p>2D QR Code: Printing EAN Code: Printing ID mark: Printing</p>  	<p>No white printing No OMRON logo (blue) printing</p> <p>Lot No.: Production year of last digit e.g. □ □ □ □ □ (1) (2) (3) (4) (5) (6) (1),(2) Production Day: 01-31 (3) Production Month: 1 to 9, X,Y,Z X = 10, Y = 11, Z = 12 (4),(5) Production Year: Last two digits of the year (6) Abbreviation code for Production Factory</p> <p>2D QR Code: No Printing EAN Code: Change with the change of product code ID mark: No Printing</p> 

## Instruction manual

Product discontinuation	Recommendable replacement
Instruction manual is not provided.	

## Applicable standards

Product discontinuation	Recommendable replacement
Not comply with CCC	Comply with CCC