

NO: TI-064      PRODUCT: H3Y solid-state timer  
 DATE: February 2018      TYPE: Discontinuation Notice

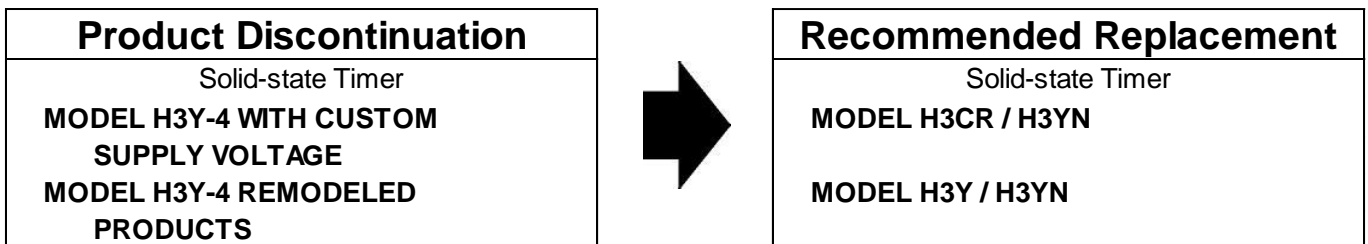
## H3Y solid-state timer with custom specifications will be discontinued February 2019



### Discontinuation Date: February 2019

Note: Date is subject to change based on raw materials and components availability at the factory.

### Overview Summary



### Cautions on Applying Replacements

- Recommended replacement of Model H3Y-4 with custom supply voltage is Model H3CR-A, which has only two control outputs instead of four control outputs.
- Recommended replacement of Model H3Y-4 with custom supply voltage is Model H3CR-A, which has recommended socket (sold separately) is needed.

See the detail of differences on the following pages





### Affected Parts

Product discontinuation	Recommended replacement
H3Y-4-RLS49 AC100-120 60S	H3Y-4 AC100-120 60S
H3Y-4-RLS49 AC100-120 60S	H3YN-4 AC100-120
H3Y-4 DC125 60M	H3YN-41 DC125

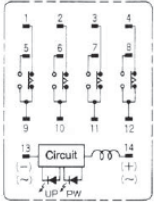
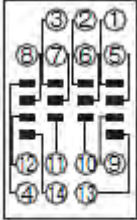
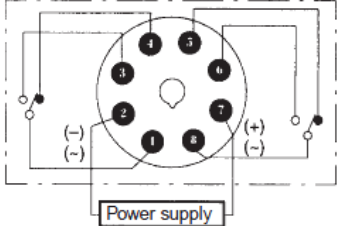
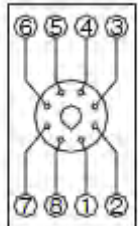
H3Y-4 AC240 3M	H3CR-A8 AC100-240/DC100-125
H3Y-4 AC240 30S	H3CR-A8 AC100-240/DC100-125
H3Y-4 AC240 120S	H3CR-A8 AC100-240/DC100-125
H3Y-4 AC24 0.5S	H3CR-A8 AC24-48/DC12-48

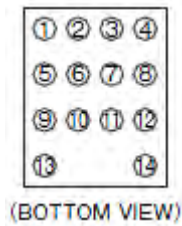
## Detail of differences

### Body color

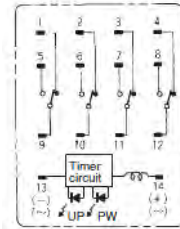
Product discontinuation Model H3Y	Recommendable replacement Model H3CR / H3YN / H3Y		
<b>Model H3Y</b> Munsell color system 5Y7/1 	<b>Model H3CR-A</b> Munsell color system 5Y7/1 	<b>Model H3YN</b> Munsell color system 5Y7/1 	<b>Model H3Y</b> Munsell color system 5Y7/1 

### Wire connection

Product discontinuation Model H3Y	Recommendable replacement Model H3CR / H3YN / H3Y
<b>Model H3Y-4</b>  <b>Pin arrangement for Model PYF14A-E</b>  (TOP VIEW) <b>Pin arrangement for Model PY14, Model PY14QN</b>	<b>Model H3CR-A8</b>  H3CR-A8 has no four control outputs. Recommended socket Model P2CF-08, Model P2CF-08-E, Model PF085A (sold separately) is needed. <b>Pin arrangement for Model P2CF-08, Model P2CF-08-E, Model PF085A</b>  (TOP VIEW)



**Model H3YN-4 /- 41**



The terminal arrangement of the recommended replacement is the same as a product discontinuation.

**Model H3Y-4**

The terminal arrangement of the recommended replacement is the same as a product discontinuation.

**Mounting dimensions**

Product discontinuation Model H3Y	Recommendable replacement Model H3CR / H3YN / H3Y
<p><b>Model H3Y-4</b></p>	<p><b>Model H3CR-A8</b></p> <p><b>Model H3YN-4 /- 41</b></p> <p>The mounted dimensions of the recommended replacement are the same as product discontinuation.</p> <p><b>Model H3Y-4</b></p> <p>The mounted dimensions of the recommended replacement are the same as product discontinuation.</p>

**Dimensions**

Product discontinuation Model H3Y	Recommendable replacement Model H3CR / H3YN / H3Y
<p><b>Model H3Y-4</b></p>	<p><b>Model H3CR-A8</b></p>

**Model H3YN-4 /- 41**

The dimensions of the recommended replacement are the same as product discontinuation.

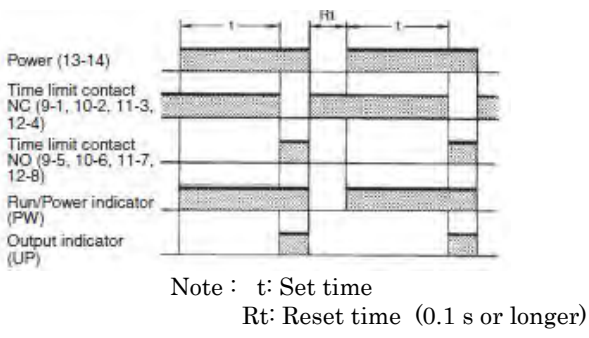
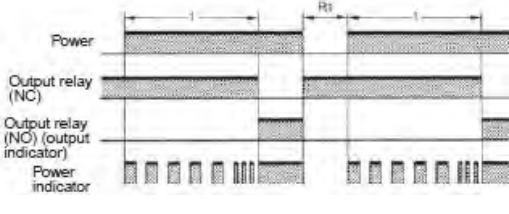
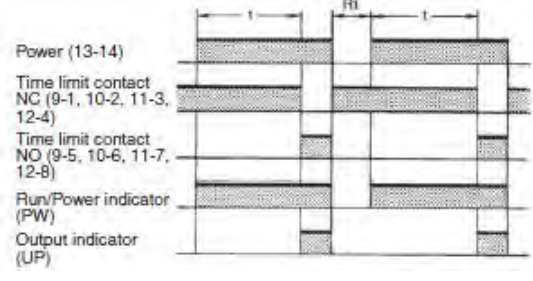
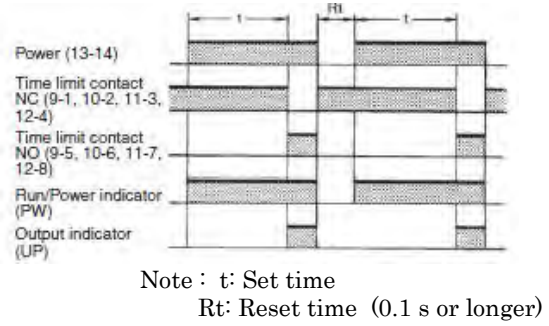
**Model H3Y-4**  
The dimensions of the recommended replacement are the same as product discontinuation.

### Characteristics

Item	Product discontinuation Model H3Y-4	Recommendable replacement	
		Model H3CR-A8	Model H3YN-4 / -41
<b>Rated supply voltage</b>	100-120VAC 50/60Hz 240VAC 50/60Hz 125VDC 24VAC 50/60Hz	100-240VAC 50/60Hz 100-125VDC 24-48VAC 50/60Hz 12-48VDC	100-120VAC 50/60Hz 125VDC
<b>Operating voltage range</b>	85% to 110% of rated supply voltage	85% to 110% of rated supply voltage	85% to 110% of rated supply voltage
<b>Power consumption</b>	100-120VAC : Relay OFF: Approx. 0.8VA(0.5W) Relay ON: Approx. 1.5VA(1.3W) (at 120VAC) 240VAC : Relay ON: Approx. 1.0VA(0.7W) Relay OFF: Approx.1.7VA(1.5W) (at 240VAC)	100 to 240VAC/ 100 to 125VDC: Relay ON: Approx. 2VA(1.6W) Relay OFF: Approx. 1.3VA(1.1W) (at 240VAC 60Hz)	100 to 120VAC: Relay OFF: Approx. 1VA(0.4W) Relay ON: Approx.1.8VA(1.6W) (at 120VAC 60Hz)
	125VDC : -Relay OFF: Approx. 0.3W Relay ON: Approx. 1.3W (at 125VDC)	24 to 48VAC/12 to 48VDC: Relay ON: Approx. 0.8W Relay OFF: Approx. 0.2W (at 24VDC)	125VDC: Relay OFF: Approx. 0.4W Relay ON: Approx. 1.6W (at 125VDC)
<b>Externally-connected method</b>	14-pin sockets	8-pin sockets	14-pin sockets
<b>Connection socket (Order separately)</b>	PYF14A, PYF14A-E, PY14	Front connecting: P2CF-08, P2CF-08-E, PF085A	PYF14A, PYF14A-E, PY14
<b>Reset voltage</b>	10% min. of rated supply voltage	10% min. of rated supply voltage	10% min. of rated supply voltage
<b>Time ranges (Time setting range)</b>	Maximum scale time is designated by model. 0.5s, 30s, 60s, 120s, 3min, 60min	0.05sec to 300h	H3YN-4: 0.1s to 10min H3YN-41: 0.1min to 10h
<b>Control outputs</b>	3A at 250VAC, resistive load	5A at 250VAC/30VDC 0.15A at 125VDC, resistive	3A at 250VAC, resistive load Minimum applicable load

	Minimum applicable load 1mA at 1VDC	load Minimum applicable load 10mA at 5VDC	1mA at 1VDC
<b>Operating ambient</b>	-10 to +50°C	-10 to +55°C	-10 to +50°C
<b>Storage temperature</b>	-25 to +65°C	-25 to +65°C	-25 to +65°C
<b>Operating ambient humidity</b>	35 to 85%	35 to 85%	35 to 85%

## Operation ratings

Product discontinuation Model H3Y	Recommendable replacement Model H3CR / H3YN / H3Y
<p><b>Timing chart Model H3Y-4</b></p>  <p>Note : t: Set time Rt: Reset time (0.1 s or longer)</p>	<p><b>Timing chart Model H3CR-A8</b> A: ON-delay</p>  <p><b>Timing chart Model H3YN-4 /- 41</b> ON-delay</p>  <p><b>Timing chart Model H3Y-4</b></p>  <p>Note : t: Set time Rt: Reset time (0.1 s or longer)</p> <p>The timing chart of the recommended replacement are the same as product discontinuation.</p>

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.