

Product Discontinuation Notices

Issue Date
March 3, 2014

Counters

No. 2014040CE

Discontinuation Notice of a part of Digital Counter H7CN and H7AN series.

Product Discontinuation

Digital Counter



A part of Model H7AN series
A part of Model H7CN series



Recommended Replacement

Digital Counter

Model H7AN series
Model H7CN series

[Discontinuation date]

The end of March, 2015

[Caution on recommended replacement]

- When replacing a part of H7AN series with DC12-24W specification to the recommended replacement, supply voltage is changed to AC100-240V.
- When replacing H7AN-ET4 and H7AN-RT8 to the recommended replacement, specification is changed to the one with backup power of memory protection.
- When replacing DC12-48V specification for H7CN-BHN to the recommended replacement, supply voltage is changed to AC100-240V.
- When replacing AC100-240V specification for H7CN-YHNS to the recommended replacement, supply voltage is changed to DC12-48V.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting dimensions	Charact-eristics	Operation ratings	Operation methods
H7AN-E4D AC100-240	**	**	*	**	--	**	**
H7AN-E4DM AC100-240	**	**	*	**	--	**	**
H7AN-ET4M AC100-240	**	**	*	**	--	*	*
H7AN-R6D AC100-240	**	**	*	**	--	**	**
H7AN-RT6 AC100-240	**	**	*	**	--	**	**
H7AN-RT8M AC100-240	**	**	**	**	**	*	*
H7AN-RT8M DC12-24	**	**	**	**	**	*	*
H7AN-T4 AC100-240	**	**	*	**	--	**	**
H7AN-W4D AC100-240	**	**	*	**	--	**	**
H7AN-WE4D AC100-240	**	**	*	**	--	**	**
H7AN-WE4DM AC100-240	**	**	*	**	--	**	**
H7CN-BHN AC100-240	**	**	*	**	--	**	**
H7CN-YHNS DC12-48	**	**	--	**	--	**	**

** : Compatible

* : The change is a little/Almost compatible


-- : Not compatible

- : No corresponding specification

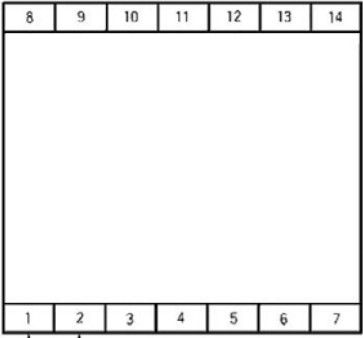
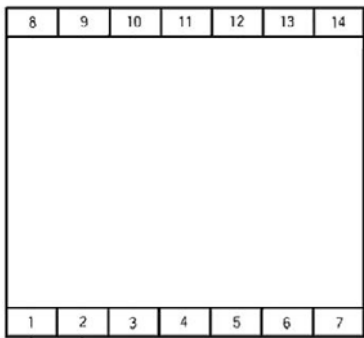
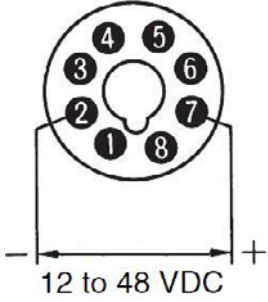
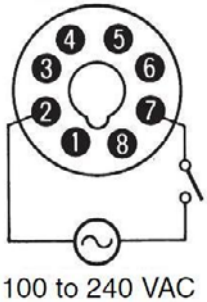
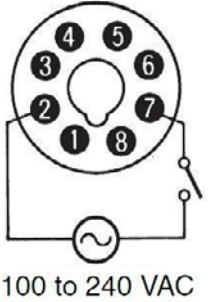
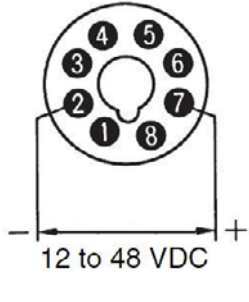
[Product discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
H7AN-E4D DC12-24	H7AN-E4D AC100-240
H7AN-E4DM DC12-24	H7AN-E4DM AC100-240
H7AN-ET4 AC100-240	H7AN-ET4M AC100-240
H7AN-ET4 DC12-24	H7AN-ET4M AC100-240
H7AN-ET4M DC12-24	H7AN-ET4M AC100-240
H7AN-R6D DC12-24	H7AN-R6D AC100-240
H7AN-RT6 DC12-24	H7AN-RT6 AC100-240
H7AN-RT8 AC100-240	H7AN-RT8M AC100-240
H7AN-RT8 DC12-24	H7AN-RT8M DC12-24
H7AN-T4 DC12-24	H7AN-T4 AC100-240
H7AN-W4D DC12-24	H7AN-W4D AC100-240
H7AN-WE4D DC12-24	H7AN-WE4D AC100-240
H7AN-WE4DM DC12-24	H7AN-WE4DM AC100-240
H7CN-BHN DC12-48	H7CN-BHN AC100-240
H7CN-YHNS AC100-240	H7CN-YHNS DC12-48

[Body color]

Product discontinuation Model H7AN, H7CN	Recommendable replacement Model H7AN, H7CN
<p>H7AN, H7CN Light gray (Munsell 5Y7/1)</p>  <p style="text-align: center;"> H7AN H7CN </p>	<p>Body color of product discontinuation and recommended replacement are the same.</p>

[Wire connection]

<p>Product discontinuation Model H7AN, H7CN</p>	<p>Recommendable replacement Model H7AN, H7CN</p>
<p>H7AN-E4D DC12-24, H7AN-E4DM DC12-24, H7AN-ET4 DC12-24, H7AN-ET4M DC12-24, H7AN-R6D DC12-24, H7AN-RT6 DC12-24, H7AN-RT8 DC12-24, H7AN-T4 DC12-24, H7AN-W4D DC12-24, H7AN-WE4D DC12-24, H7AN-WE4DM DC12-24</p> <p>• Connection of Power Supply</p>  <p>DC power supply input</p> <p>Polarity for DC powersupply Terminal 1 → (-) Terminal 2 → (+)</p>	<p>H7AN-E4D AC100-240, H7AN-E4DM AC100-240, H7AN-ET4M AC100-240, H7AN-R6D AC100-240, H7AN-RT6 AC100-240, H7AN-T4 AC100-240, H7AN-W4D AC100-240, H7AN-WE4D AC100-240, H7AN-WE4DM AC100-240</p> <p>• Connection of Power Supply</p>  <p>AC power supply input</p>
<p>H7CN-BHN DC12-48</p> <p>• Connection of Power Supply</p> <p>DC Power Supply</p>  <p>12 to 48 VDC</p>	<p>H7CN-BHN AC100-240</p> <p>• Connection of Power Supply</p> <p>AC Power Supply</p>  <p>100 to 240 VAC</p>
<p>H7CN-YHNS AC100-240</p> <p>• Connection of Power Supply</p> <p>AC Power Supply</p>  <p>100 to 240 VAC</p>	<p>H7CN-YHNS DC12-48</p> <p>• Connection of Power Supply</p> <p>DC Power Supply</p>  <p>12 to 48 VDC</p>

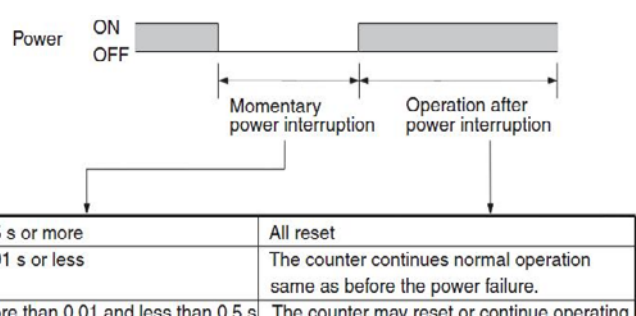
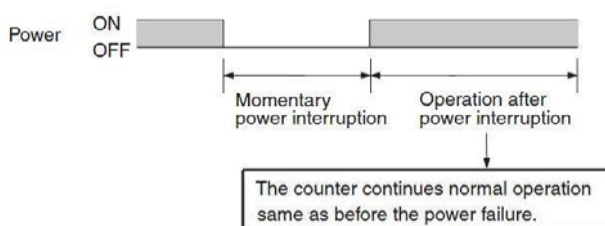
[Characteristics]

Item	Product discontinuation Model H7AN	Recommendable replacement Model H7AN
		H7AN-E4D DC12-24, H7AN-E4DM DC12-24, H7AN-ET4 DC12-24, H7AN-ET4M DC12-24, H7AN-R6D DC12-24, H7AN-RT6 DC12-24, H7AN-RT8 DC12-24, H7AN-T4 DC12-24, H7AN-W4D DC12-24, H7AN-WE4D DC12-24, H7AN-WE4DM DC12-24
Supply voltage	DC 12 to 24 V (permissible ripple: 20% max.)	AC 100 to 240 V 50/60 Hz

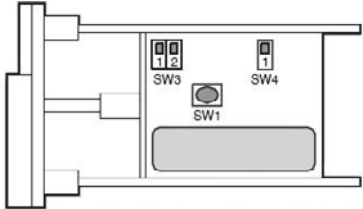
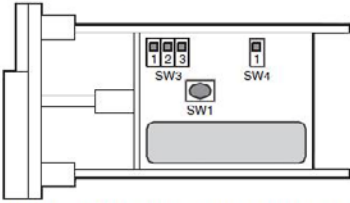
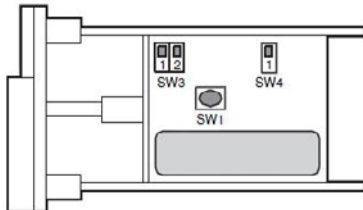
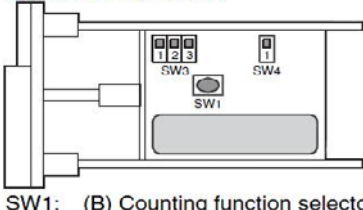
Item	Product discontinuation Model H7CN	Recommendable replacement Model H7CN
		H7CN-BHN DC12-48
Supply voltage	DC 12 to 48V (permissible ripple: 20% max.)	AC 100 to 240 V 50/60 Hz (common use)

Item	Product discontinuation Model H7CN	Recommendable replacement Model H7CN
		H7CN-YHNS AC100-240
Supply voltage	AC 100 to 240 V 50/60 Hz (common use)	DC 12 to 48 V (permissible ripple: 20% max.)

[Operation ratings]

Product discontinuation Model H7AN, H7CN	Recommendable replacement Model H7AN, H7CN						
<p>H7AN-ET4 AC100-240, H7AN-ET4 DC12-24, H7AN-RT8 AC100-240, H7AN-RT8 DC12-24</p> <p>When power fails, it operates as shown in the following figure.</p>  <table border="1" data-bbox="127 1635 798 1758"> <tr> <td>0.5 s or more</td> <td>All reset</td> </tr> <tr> <td>0.01 s or less</td> <td>The counter continues normal operation same as before the power failure.</td> </tr> <tr> <td>More than 0.01 and less than 0.5 s</td> <td>The counter may reset or continue operating.</td> </tr> </table>	0.5 s or more	All reset	0.01 s or less	The counter continues normal operation same as before the power failure.	More than 0.01 and less than 0.5 s	The counter may reset or continue operating.	<p>H7AN-ET4M AC100-240, H7AN-RT8M AC100-240, H7AN-RT8M DC12-24</p> <p>When power fails, it operates as shown in the following figure.</p>  <p>The counter continues normal operation same as before the power failure.</p> <p>However, if selecting “no memory backup” in specification selection switches for backup power of memory protection, the operation is performed same as product discontinuation. (For details, please see next page – operation methods.)</p>
0.5 s or more	All reset						
0.01 s or less	The counter continues normal operation same as before the power failure.						
More than 0.01 and less than 0.5 s	The counter may reset or continue operating.						

[Operating Methods]

<p align="center">Product discontinuation Model H7AN, H7CN</p>	<p align="center">Recommendable replacement Model H7AN, H7CN</p>
<p>H7AN-ET4 AC100-240, H7AN-ET4 DC12-24</p> <ul style="list-style-type: none"> • Arrangement and function of specification selection switches  <p>SW1: (A) Counting function selector</p> <p>SW3-1: CP1 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-2: CP2 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW4: Manual reset selector <input type="checkbox"/> Manual reset possible (See note 1.) <input type="checkbox"/> Manual reset not possible</p> <p>Note1: These settings are the defaults for the specification selection switches.</p>	<p>H7AN-ET4M AC100-240</p> <ul style="list-style-type: none"> • Arrangement and function of specification selection switches  <p>SW1: (A) Counting function selector</p> <p>SW3-1: CP1 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-2: CP2 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-3: Power failure memory backup <input type="checkbox"/> Memory backup (See note 1.) <input type="checkbox"/> No memory backup</p> <p>SW4: Manual reset selector <input type="checkbox"/> Manual reset possible (See note 1.) <input type="checkbox"/> Manual reset not possible</p> <p>Note1: These settings are the defaults for the specification selection switches.</p>
<p>H7AN-RT8 AC100-240, H7AN-RT8 DC12-24</p> <ul style="list-style-type: none"> • Arrangement and function of specification selection switches  <p>SW1: (B) Counting function selector</p> <p>SW3-1: CP1 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-2: CP2 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW4: Manual reset selector <input type="checkbox"/> Manual reset possible (See note 1.) <input type="checkbox"/> Manual reset not possible</p> <p>Note1: These settings are the defaults for the specification selection switches.</p>	<p>H7AN-RT8M AC100-240, H7AN-RT8M DC12-24</p> <ul style="list-style-type: none"> • Arrangement and function of specification selection switches  <p>SW1: (B) Counting function selector</p> <p>SW3-1: CP1 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-2: CP2 maximum counting speed selector <input type="checkbox"/> 30 Hz (See note 1.) <input type="checkbox"/> 5 kHz</p> <p>SW3-3: Power failure memory backup <input type="checkbox"/> Memory backup (See note 1.) <input type="checkbox"/> No memory backup</p> <p>SW4: Manual reset selector <input type="checkbox"/> Manual reset possible (See note 1.) <input type="checkbox"/> Manual reset not possible</p> <p>Note1: These settings are the defaults for the specification selection switches.</p>

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