

Product Discontinuation Notices

Measuring / Motor Protective Relays

Issue Date
December 2, 2013

No. 2013E016C

Discontinuation Notice of Single-phase Current Relay K8AB-AS[].

Product Discontinuation

Single-phase Current Relay



Model K8AB-AS[]



Recommended Replacement

Single-phase Current Relay

Model K8AK-AS[]

[Discontinuation date]

The end of March, 2015

[Caution on recommended replacement]

There are some changes in rating and specifications.

Please read the catalog carefully for your understanding before using the product.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
K8AK-AS[]	--	**	**	**	*	*	*

** : Compatible

* : The change is a little/Almost compatible



-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
K8AB-AS1 24VAC/DC	K8AK-AS1 24VAC/DC
K8AB-AS1 100/115VAC	K8AK-AS1 100-240VAC
K8AB-AS1 200/230VAC	
K8AB-AS2 24VAC/DC	K8AK-AS2 24VAC/DC
K8AB-AS2 100/115VAC	K8AK-AS2 100-240VAC
K8AB-AS2 200/230VAC	
K8AB-AS3 24VAC/DC	K8AK-AS3 24VAC/DC
K8AB-AS3 100/115VAC	K8AK-AS3 100-240VAC
K8AB-AS3 200/230VAC	

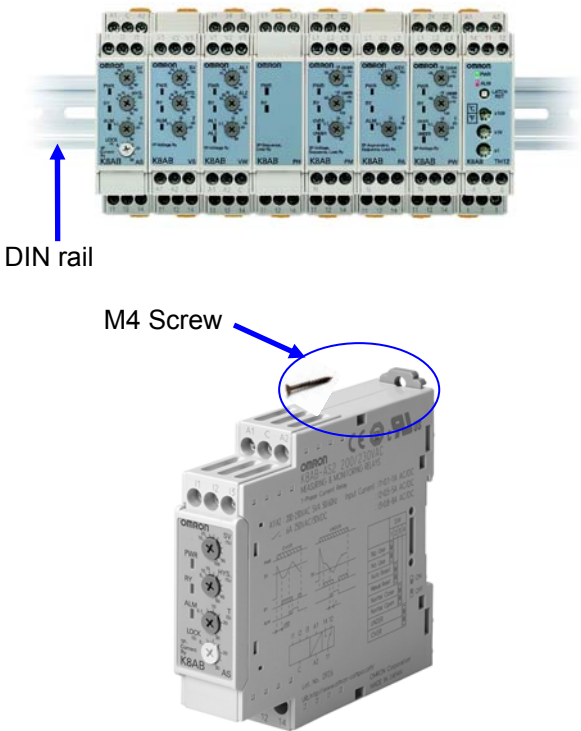

[Body color]

Product discontinuation	Recommendable replacement
<p style="text-align: center;">Model K8AB-AS[]</p>	<p style="text-align: center;">Model K8AK-AS[]</p>
<p>Body color Munsell 5Y8/1</p> 	<p>Body color Munsell N1.5</p> 

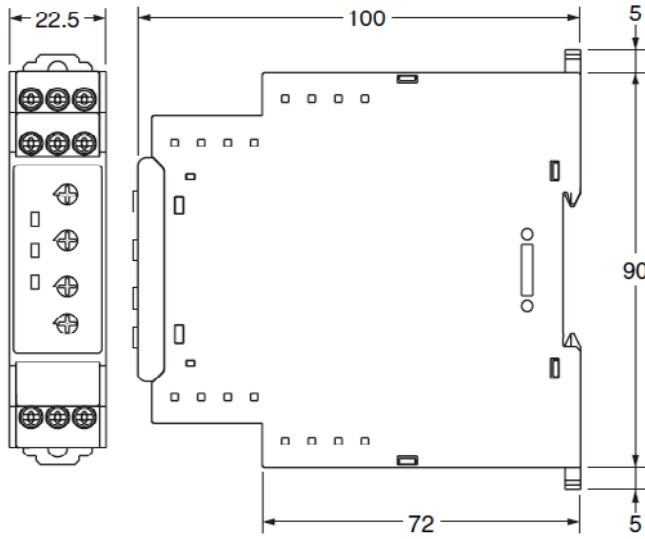
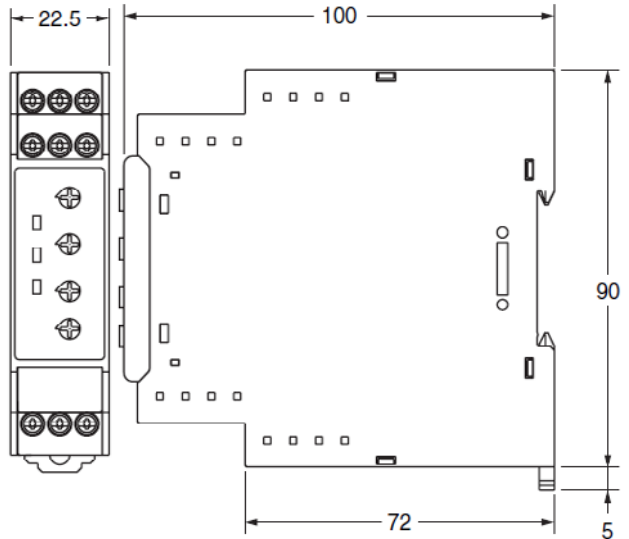
[Wire connection]

Product discontinuation	Recommendable replacement
Model K8AB-AS[]	Model K8AK-AS[]
<p>Terminal layout</p> <p>Terminal layout diagram</p>	<p>Terminal layout</p> <p>Terminal layout diagram</p>
<p>Wiring connections</p> <p><For K8AB-AS3> Single-phase power</p>	<p>Wiring connections</p> <p><For K8AK-AS3> Single-phase power</p>

[Mounting dimensions]

Product discontinuation	Recommendable replacement
Model K8AB-AS[]	Model K8AK-AS[]
<p>Installation method DIN rail or M4 screw</p>  <p>DIN rail</p> <p>M4 Screw</p>	<p>Installation method DIN rail Screw cannot be used.</p>  <p>DIN rail</p>

[Dimensions]

Product discontinuation Model K8AB-AS[]	Recommendable replacement Model K8AK-AS[]
<p>Dimensions</p> 	<p>Dimensions</p> 

[Characteristics]

Item	Product discontinuation	Recommendable replacement
	Model K8AB-AS[]	Model K8AK-AS[]
Power supply voltage	24VAC/DC 100 to 115 VAC 200 to 230 VAC	24VAC/DC 100 to 240 VAC
Power consumption	24 VDC: 1 W max. 24 VAC: 4 VA max. 100 to 115 VAC: 4VA max. 200 to 230 VAC: 5VA max.	24 VAC/DC: 2.0 VA/ 1.1 W max. 100 to 240 VAC: 4.6 VA max.
Output relay ratings	Rated load Resistive load 6 A at 250 VAC 6 A at 30 VDC Maximum contact voltage: 250 VAC Maximum contact current: 6 A AC Maximum switching capacity: 1,500 VA Minimum load: 10 mA at 5 VDC Mechanical life: 10 million operations min. Electrical life: Make: 50,000 times, Break: 30,000 times	Rated load Resistive load 5 A to 250 VAC 5 A to 30 VDC Maximum contact voltage: 250 VAC or 30 VDC Maximum contact current: 5A AC Maximum switching capacity: 1,250 VA, 150 W Mechanical life: 10 million operations min. Electrical life: 5 A at 250 VAC or 30 VDC: 50,000 operations 3 A at 250 VAC or 30 VDC: 100,000 operations
Storage temperature	-40 to 70°C (with no condensation or icing)	-25 to 65°C (with no condensation or icing)
Case material	PBT/ABS resin (self-extinguishing resin) UL94-V0	PC and ABS
Weight	Approx. 130 g	Approx. 150 g
Repeat accuracy	Operating value: ± 2% Operating time repeat error: ±50 ms	Operating value: ±0.5% full scale (at 25°C and 65% humidity, rated power supply voltage, 50/60 Hz sine wave input) Operating time: ±50ms (at 25°C and 65% humidity, rated power supply voltage)
Applicable standards	EN60255-5, EN60255-6 Installation environment (Pollution degree 2, overvoltage category III)	EN60947-5-1 Installation environment (Pollution degree 2, overvoltage category III)
EMC	EN61326	EN60947-5-1
Conforming standards	UL508	UL 508 (Recognition), Korean Radio Waves Act (Act 10564), CSA: CAN/CSA C22.2 No.14, CCC: GB14048.5
Shock resistance	100 m/s ² , 3 times in 6 directions along 3 axes	150 m/s ² , 3 times each in 6 directions along 3 axes However, 100m/s for relay contacts.

[Operation methods]

Product discontinuation	Recommendable replacement
Model K8AB-AS[]	Model K8AK-AS[]
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> There is no change in operation method and LED display color. </div>	

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.