

Product Discontinuation Notices

February 2, 2009

General Purpose Relays

No.2009E003

Discontinuation Notice of General purpose relay MK-I/-S series

Product Discontinuation

General-purpose relays



MK-I/-S models

Recommended Replacement

General-purpose relays



MK-S series (New models)

Discontinuation date : The end of March, 2009

Caution on recommended replacement

Safety standard approvals of new MK-S series are UL, CSA, and TÜV. (SEV, DEMKO, NEMKO, SEMKO and VDE are not approved.)

Contacts rating and the other specifications are not fully compatible.

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
MK2P-I series	*	**	**	*	*	*	**
MK3P-I series	*	**	**	*	*	*	**
MK2P-S series	*	**	**	*	*	*	**
MK3P-S series	*	**	**	*	*	*	**

** : Fully compatible

* : The change is a little/Almost compatible

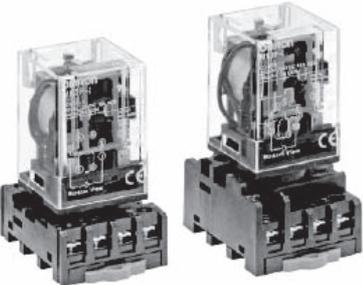
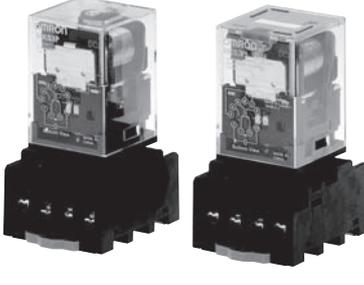
-- : Not compatible

- : No corresponding specification

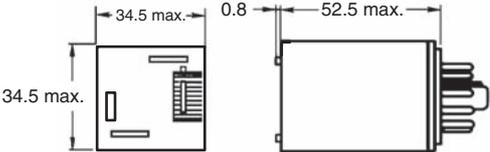
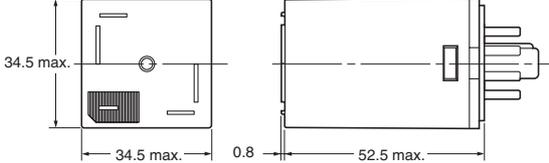
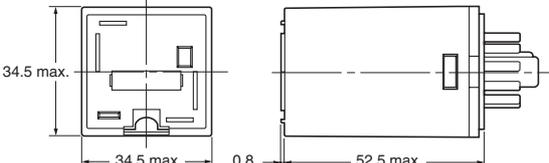
Product Discontinuation and recommended replacement

Please refer to the attached file.
 (File name: List of Models to be discontinued and recommended replacement)

Body color

Product discontinuation MK-I/-S	Recommended replacement MK-S(New model)
 <p data-bbox="344 913 641 943">Socket PF-E is the same</p>	 <p data-bbox="994 913 1291 943">Socket PF-E is the same</p>

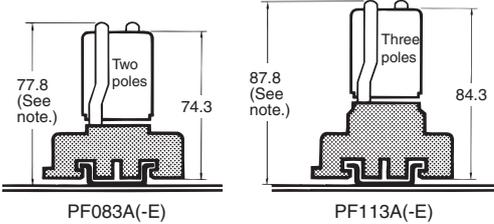
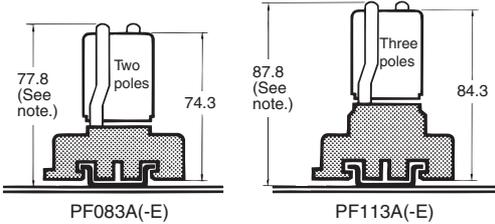
Dimensions

Product discontinuation MK-I/-S	Recommended replacement MK-S(New model)
	<p data-bbox="826 1211 1190 1240">Models without Latching Lever</p>  <p data-bbox="826 1469 1153 1498">Models with Latching Lever</p> 

Wire Connection

New MK-S models are pin-compatible with MK-I/-S series.

Mounting dimensions

Product discontinuation MK-I/-S	Recommended replacement MK-S(New model)
<p data-bbox="244 524 571 555">Surface-mounting Sockets</p>  <p data-bbox="244 842 756 904">Note : PF083A(-E) and PF113A(-E) allow either track or screw mounting.</p>	<p data-bbox="887 524 1214 555">Surface-mounting Sockets</p>  <p data-bbox="887 842 1399 904">Note : PF083A(-E) and PF113A(-E) allow either track or screw mounting.</p>

Characteristics

Product discontinuation MK-I/-S	Recommended replacement MK-S(New model)
<p data-bbox="188 1169 384 1200">1. Coil ratings</p> <ul data-bbox="244 1205 746 1361" style="list-style-type: none"> -Must release voltage for AC coils 30% min. of rated voltage (50Hz, 60Hz) -Power consumption for DC coils Approx. 1.5W <p data-bbox="188 1395 437 1426">2. Contact ratings</p> <ul data-bbox="244 1431 743 1554" style="list-style-type: none"> -Contact material Ag -Rated load (resistive NO: 28VDC 10A) -Rated load (resistive NC: 250VAC 10A) -Rated load (resistive NC: 28VDC 10A) <p data-bbox="188 1588 434 1619">3. Characteristics</p> <ul data-bbox="244 1624 691 1814" style="list-style-type: none"> -Contact resistance 50m ohm max. -Endurance (Mechanical) 10,000,000 operations -Weight Approx. 85g -Ambient temperature (operating) -10 to 40 degrees Celsius 	<p data-bbox="831 1169 1027 1200">1. Coil ratings</p> <ul data-bbox="887 1205 1390 1361" style="list-style-type: none"> -Must release voltage for AC coils 25% min. of rated voltage (50Hz) 30% min. of rated voltage (60Hz) -Power consumption for DC coils Approx 1.4W <p data-bbox="831 1395 1080 1426">2. Contact ratings</p> <ul data-bbox="887 1431 1369 1554" style="list-style-type: none"> -Contact material AgSnIn -Rated load (resistive NO: 30VDC 10A) -Rated load (resistive NC: 250VAC 5A) -Rated load (resistive NC: 30VDC 5A) <p data-bbox="831 1588 1077 1619">3. Characteristics</p> <ul data-bbox="887 1624 1345 1814" style="list-style-type: none"> -Contact resistance 100m ohm max. -Endurance (Mechanical) 5,000,000 operations -Weight Approx. 90g -Ambient temperature (operating) -40 to 60 degrees Celsius