

Discontinuation Notice of K3FP-SN1-I-I

Product Discontinuation

Signal convertor



Model K3FP-SN1-I-I
(loop-powered isolator)



Recommended Replacement

Signal convertor by PHOENIX CONTACT

Model MINI MCR-SL-1CP-I-I
(loop-powered isolator)

[Discontinuation date]

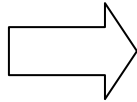
The end of March, 2014

[Caution on recommended replacement]

The color is different.



OMRON



PHOENIX CONTACT

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
MINI MCR-SL-1CP-I-I	--	**	**	**	**	**	**

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification


[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
K3FP-SN1-I-I	MINI MCR-SL-1CP-I-I

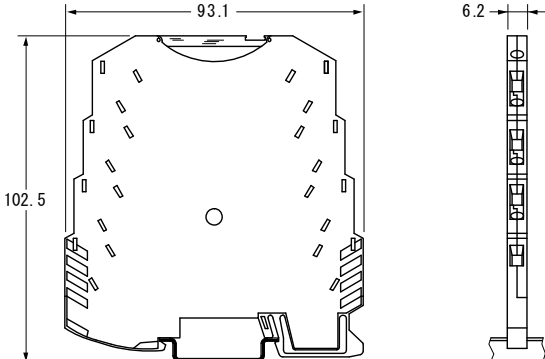
[Body color]

Product discontinuation K3FP-SN1-I-I	Recommendable replacement MINI MCR-SL-1CP-I-I
White	Green

[Wire connection]

<p align="center">Product discontinuation K3FP-SN1-I-I</p>	<p align="center">Recommendable replacement MINI MCR-SL-1CP-I-I</p>
	<p align="center">same as on the left</p>

[Dimensions]

<p align="center">Product discontinuation K3FP-SN1-I-I</p>	<p align="center">Recommendable replacement MINI MCR-SL-1CP-I-I</p>
	<p align="center">same as on the left</p>

[Characteristics]

<p align="center">Product discontinuation K3FP-SN1-I-I</p>		<p align="center">Recommendable replacement MINI MCR-SL-1CP-I-I</p>	
Error	±0.1% FS max.	<p align="center">same as on the left</p>	
Other error per 100⇒ load	±0.03% of measured value max.		
Temperature coefficient per 100⇒ load	±0.002% of measured value max. (at 23°C)		
Cut-off frequency	75 Hz (3 dB)		
Response time (10% to 90%)	5 ms max. (for a 600⇒ load)		
Insulation resistance	10 M Ω min. between inputs, outputs, and power supply (at 500 V DC)		
Dielectric strength	1,500 V AC, 50 Hz, 1 min (between inputs, outputs, and power supply)		
Noise resistance	Conforms to IEC 61000		
Ambient operating temperature	-20 to 65 °C		
Ambient storage temperature	-40 to 85 °C		
Ambient operating humidity	95% max. (with no condensation)		
Ambient storage humidity	95% max. (with no condensation)		
Connection method	Screw connections (M3)		
Tightening torque	0.5 N·m		
Connecting cable	Solid wire		0.14 to 2.5 mm ²
	Stranded wire		0.2 to 2.5 mm ²
	AWG		24 to 12
	Wire stripping length		12 mm
Degree of protection	IP20		
Housing material	PBT		
Weight	58 g		
Safety standards	UL 508		

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.