

Product Discontinuation Notices

Issue Date
December 2, 2013

Level Switches

No. 2013E014C

Discontinuation Notice of Conductive Level Controller 61F-D21T-V1.

Product Discontinuation

Conductive Level Controller



Model 61F-D21T-V1



Recommended Replacement

Conductive Level Controller

Model K8AK-LS1

[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	Dimen-sions	Wire connection	Mounting Dimensions	Charact-eristics	Operation ratings	Operation methods
K8AK-LS1	--	**	**	**	*	*	*

** : Compatible

* : The change is a little/Almost compatible

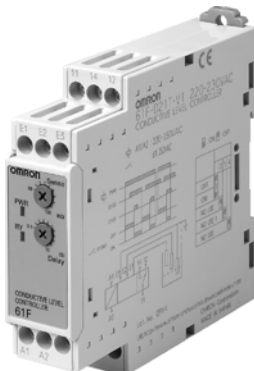

-- : Not compatible

- : No corresponding specification

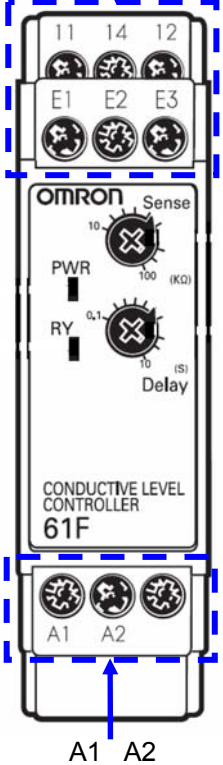
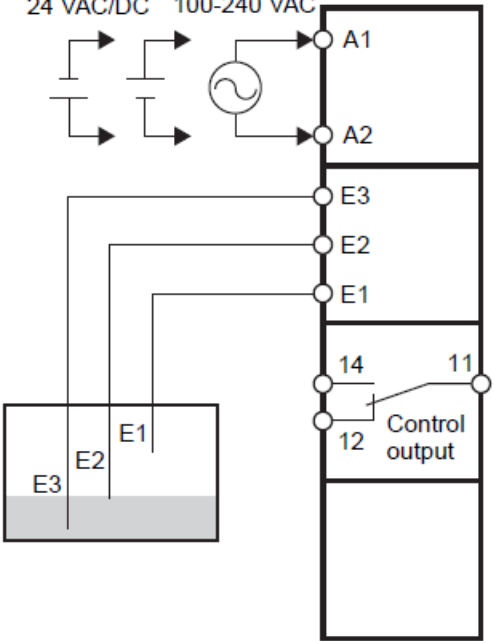
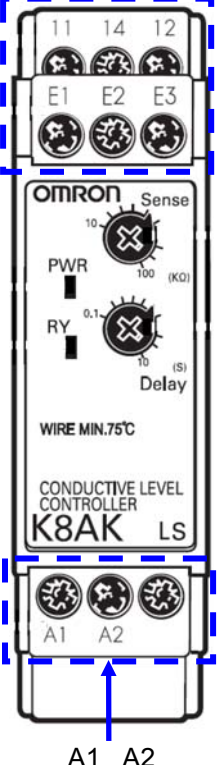
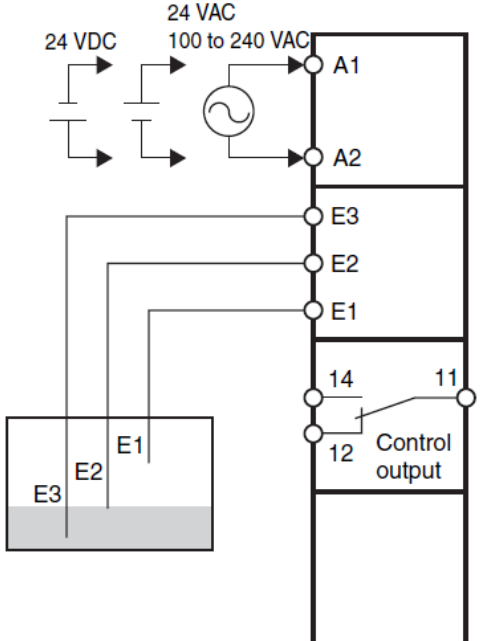
[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
61F-D21T-V1 AC/DC24V	K8AK-LS1 24VAC/DC
61F-D21T-V1 AC100-240V	K8AK-LS1 100-240VAC

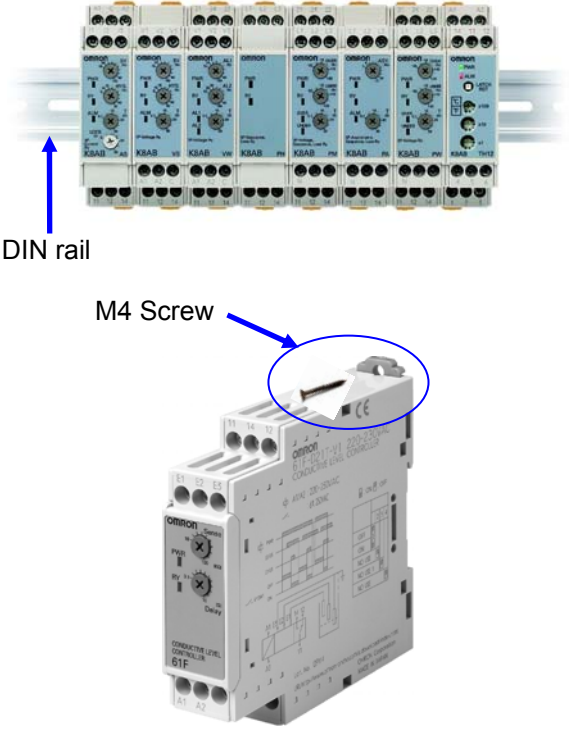

[Body color]

Product discontinuation	Recommendable replacement
Model 61F-D21T-V1	Model K8AK-LS1
Body color Munsell 5Y8/1 	Body color Munsell N1.5 

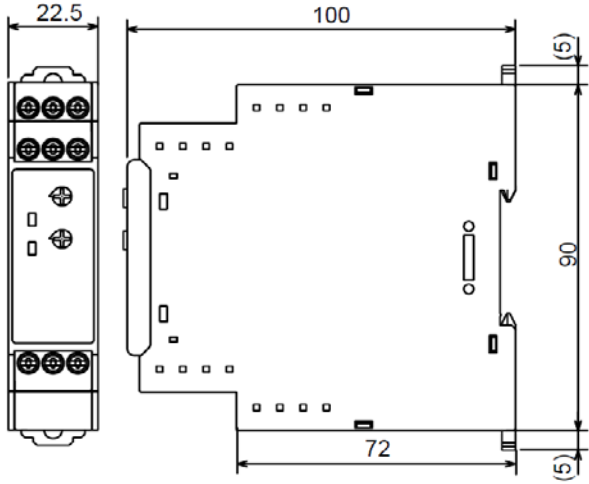
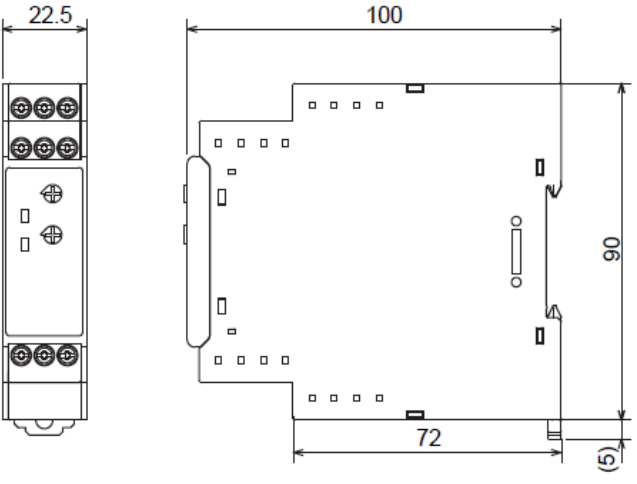
[Wire connection]

Product discontinuation	Recommendable replacement
Model 61F-D21T-V1	Model K8AK-LS1
<p>Terminal layout</p> <p>Terminal layout diagram</p> <p>11 14 12 E1 E2 E3</p>  <p>A1 A2</p> <p>Wiring connections</p> 	<p>Terminal layout</p> <p>Terminal layout diagram</p> <p>11 14 12 E1 E2 E3</p>  <p>A1 A2</p> <p>Wiring connections</p> 

[Mounting dimensions]

Product discontinuation	Recommendable replacement
<p align="center">Model 61F-D21T-V1</p>	<p align="center">Model K8AK-LS1</p>
<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 61F-D21T-V1	Recommendable replacement Model K8AK-LS1
<p>Dimensions</p> 	<p>Dimensions</p> 

[Characteristics]

Item	Product discontinuation	Recommendable replacement
	Model 61F-D21T-V1	Model K8AK-LS1
Voltage across electrodes	6 V p-p (approx. 20 Hz)	5 V p-p (approx. 20 Hz)
Power consumption	24 VDC: 2 W max. 24 VAC: 4 VA max. 100 to 240 VAC: 5VA max.	24 VAC/DC: 2.0 VA/1.1 W max. 100 to 240 VAC: 4.6 VA max.
Control output	6 A at 250 VAC for resistive load at 20°C	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
Insulation resistance	100 MΩ (at 500 DVC) between power supply electrode section, and contact section	20 MΩ min. Between all external terminals and the case Between all power supply terminals and all input terminals Between all power supply terminals and all output terminals Between all input terminals and all output terminals
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 61F-D21T-V1	Model K8AK-LS1
<div style="border: 1px solid black; padding: 5px; 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.