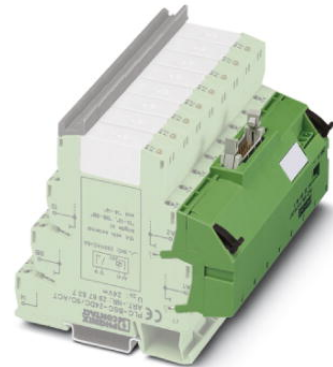



# PLC-V8L/FLK14/OUT

Order No.: 2299660



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2299660>

V8L-OUTPUT adapter for eight 14 mm PLC Interfaces (2 PDTs, etc./ see "Supplementary Products"). 14-pos. flat-ribbon cable connection for the PLC system cabling, control logic: Plus switching

Commercial data	
GTIN (EAN)	 4 017918 893163
sales group	I650
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 125 (IF-2011)

### Product notes

WEEE/RoHS-compliant since:  
01/02/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Nominal voltage $U_N$	24 V DC $\pm$ 25%
Max. current carrying capacity per branch	1 A (per signal path)
Max. total current of voltage supply	3 A

Number of positions	14
Width	112.3 mm
Height	100 mm
Depth	94 mm
Status display	Green LED
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Inflammability class acc. to UL 94	V0
Pollution degree	2
Surge voltage category	III

**Connection data**

Connection 1	Power supply
Number of connections	1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3
Connection 2	Signal level
Connection method	Flat-ribbon cable connector, in acc. with IEC 60603-13 (engagement catches based on IEC 60603-13)
Number of positions	14

**Certificates / Approvals**



Certification

CUL, CUL Listed, GL, GOST, UL, UL Listed

**Additional products**

Item	Designation	Description
<b>General</b>		
2900330	PLC-RPIT- 24DC/21-21	PLC interface, consisting of PLC-BSP.../21-21 basic terminal block with Push-In connection and plug-in miniature relay with power contact, for mounting on DIN rail NS 35/7.5, 2 PDTs, input voltage 24 V DC
<b>Relay</b>		
2900338	PLC-RPIT- 24DC/21-21AU	PLC interface, consisting of PLC-BPIT.../21 basic terminal block with Push-In connection and plug-in miniature relay with multi-layer contact, for mounting on DIN rail NS 35/7.5, 2 PDTs, input voltage 24 V DC
2900291	PLC-RPIT- 24DC/21HC	PLC interface, consisting of PLC-BPIT.../21 HC basic terminal block with Push-In connection and plug-in miniature relay for high continuous current, for mounting on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC, limiting continuous current up to 10 A
2967060	PLC-RSC- 24DC/21-21	PLC relay, consisting of base terminal block PLC-BSC.../21 with screw connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 2 PDT, input voltage 24 V DC
2967125	PLC-RSC- 24DC/21-21AU	PLC relay, consisting of base terminal block PLC-BSC.../21 with screw connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 2 PDT, input voltage 24 V DC
2967620	PLC-RSC- 24DC/21HC	PLC relay, consisting of base terminal block PLC-BSC.../21 HC with screw connection, and pluggable miniature relays for high continuous current, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC, limiting continuous current up to 10 A
2912507	PLC-RSP- 24DC/21-21	PLC relay, consisting of basic terminal block PLC-BSP.../21-21 with spring-cage connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 2 PDT, input voltage 24 V DC

2912578	PLC-RSP- 24DC/21-21AU	PLC Relay, consisting of basic terminal block PLC-BSP.../21-21AU with spring-cage connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 2 PDT, input voltage 24 V DC
2912277	PLC-RSP- 24DC/21HC	PLC Relay, consisting of basic terminal block PLC-BSP.../21 HC with spring-cage connection, and pluggable miniature relays for high continuous current, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC, limiting continuous current up to 10 A

**Relay actuator series**

2900298	PLC-RPIT- 24DC/ 1IC/ACT	14 mm PLC basic terminal blocks with Push-In connection, input voltage 24 V DC(with relay or optocoupler)
2967109	PLC-RSC- 24DC/ 1- 1/ACT	PLC actuator relay, consisting of base terminal block PLC-BSC...ACT with screw connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 2 N/O contacts (1-1), input voltage 24 V DC
2967604	PLC-RSC- 24DC/ 1IC/ACT	PLC relay, consisting of base terminal block PLC-BSC.../1 IC/ACT with screw connection and pluggable miniature relay, for high inrush currents, for assembly on DIN rail NS 35/7.5, 1 N/O contact, input voltage 24 V DC, max. inrush current up to 130 A
2912413	PLC-RSP- 24DC/ 1IC/ACT	14 mm PLC basic terminal blocks with spring-cage connection method, input voltage 24 V DC(with relay or optocoupler)

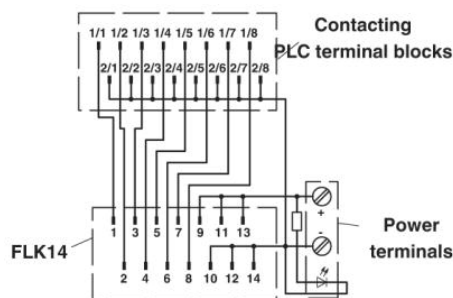
**Solid-state relay actuator series**

2982786	PLC-OSC- 24DC/ 24DC/ 5/ACT	PLC-INTERFACE, comprising PLC-BSC...ACT basic terminal block with screw connection and plug-in power solid-state relay, for mounting on NS 35/7.5 DIN rail
2982760	PLC-OSC- 24DC/230AC/ 2/ACT	PLC-INTERFACE, comprising PLC-BSC...ACT basic terminal block with screw connection and plug-in power solid-state relay, for mounting on NS 35/7.5 DIN rail

**Diagrams/Drawings**

Circuit diagram

PLC-V8L/FLK14/OUT connection scheme



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;