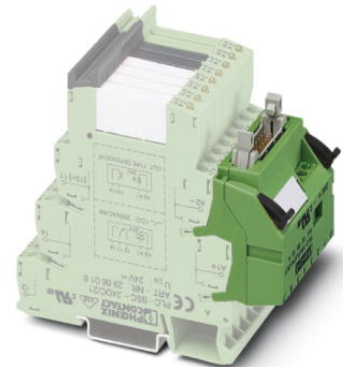


# PLC-V8/FLK14/OUT/M

Order No.: 2304102


The illustration shows version PLC-V8/FLK14/OUT



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2304102>

V8-OUTPUT adapter for eight 6.2 mm PLC interfaces (1 PDT, etc./see "Supplementary Products"). 14-pos. flat-ribbon cable connection for the PLC system cabling, control logic: Minus switching



Commercial data	
GTIN (EAN)	 4 017918 924430
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	49.6 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.)
Test voltage contact/contact	0.8 kV AC
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
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, UL, UL Listed

**Accessories**

Item	Designation	Description
<b>Cable/conductor</b>		
2314655	CABLE-50/4FLK14/ 2,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels, number of positions: 50/ 4 x 14, the cable is suitable for the ADV551 and ADV151 boards. Length of cable: 2.0 m
2314668	CABLE-50/4FLK14/ 3,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels, number of positions: 50/ 4 x 14, the cable is suitable for the ADV551 and ADV151 boards. Length of cable: 3.0 m
2314671	CABLE-50/4FLK14/ 4,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels, number of positions: 50/ 4 x 14, the cable is suitable for the ADV551 and ADV151 boards. Length of cable: 4.0 m
2318978	CABLE-50/4FLK14/ 6,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4x8 channels, number of positions: 50/4x14; the cable is suitable for the ADV551 and ADV151 boards. Cable length: 6.0 m
2314684	CABLE-50/4FLK14/10,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4x8 channels, number of positions: 50/4x14 The cable is suitable for the ADV551 and ADV151 boards. Length of cable: 10.0 m
2322773	CABLE-50/4FLK14/15,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4x8 channels, number of positions: 50/4x14; the cable is suitable for the ADV551 and ADV151 boards. Cable length: 15.0 m
2314778	CABLE-50/4FLK14/20,0M/YUC	Assembled round cable with a 50-pos. molded socket strip and four 14-pos. socket strips, for splitting 32 channels into 4x8 channels, number of positions: 50/4x14; the cable is suitable for the ADV551 and ADV151 boards. Length of cable: 20.0 m
2306951	FLKMIL-50/4FLK14/EZ-DR/ 100/ CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 1.0 m

2306304	FLKMIL-50/4FLK14/EZ-DR/ 200/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 2.0 m
2306964	FLKMIL-50/4FLK14/EZ-DR/ 300/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 3.0 m
2306977	FLKMIL-50/4FLK14/EZ-DR/ 500/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 5.0 m
2318949	FLKMIL-50/4FLK14/EZ-DR/ 600/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 6.0 m
2306980	FLKMIL-50/4FLK14/EZ-DR/1000/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 10.0 m
2301503	FLKMIL-50/4FLK14/EZ-DR/1500/CS	Konfektioniertes Rundkabel mit einer 50-poligen Federleiste und vier 14-poligen Federleisten, zur Aufspaltung von 32 Kanälen in 4 x 8 Kanäle. Das Kabel ist geeignet für die Karten ADV561 und ADV161. Kabellänge: 15,0 m
2900159	FLKMIL-50/4FLK14/EZ-DR/3000/CS	Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for the ADV561 and ADV161 boards. Cable length: 30.0 m

**General**

2901386	CABLE-50/4FLK14/28,0M/YUC	Cable
2314765	CABLE-50/4FLK14/50,0M/YUC	Cable

**Additional products**

Item	Designation	Description
<b>Feed-through terminal block</b>		
2296870	PLC-VT	VARIOFACE feed-through terminal block (two-conductor connection), for PLC-RELAY universal series
2295567	PLC-VT/ACT	VARIOFACE feed-through terminal block (3-wire connection), for PLC-RELAY actuator series
2296867	PLC-VT/ACT/LA	VARIOFACE feed-through terminal block (3-wire connection), for PLC-RELAY actuator series, with light indicator 24 V DC
2296854	PLC-VT/LA	VARIOFACE feed-through terminal block (2-wire connection), for PLC-RELAY universal series, with light indicator 24 V DC

<b>Relay</b>		
2900299	PLC-RPIT- 24DC/21	PLC interface, consisting of PLC-BPIT.../21 basic terminal block with Push-In connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC
2900306	PLC-RPIT- 24DC/21AU	PLC interface, consisting of PLC-BPIT.../21 basic terminal block with Push-In connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC
2900307	PLC-RPIT- 24UC/21AU	PLC interface, consisting of PLC-BPIT.../21 basic terminal block with Push-In connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V AC/DC
2966171	PLC-RSC- 24DC/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, 1 PDT, input voltage 24 V DC
2966265	PLC-RSC- 24DC/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, 1 PDT, input voltage 24 V DC
2966278	PLC-RSC- 24UC/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, 1 PDT, input voltage 24 V AC/DC
2966472	PLC-RSP- 24DC/21	PLC relay, consisting of base terminal block PLC-BSP.../21 with spring-cage connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC
2966540	PLC-RSP- 24DC/21AU	PLC relay, consisting of base terminal block PLC-BSP.../21 with spring-cage connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V DC
2966553	PLC-RSP- 24UC/21AU	PLC relay, consisting of base terminal block PLC-BSP.../21 with spring-cage connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 24 V AC/DC

**Relay actuator series**

2900312	PLC-RPIT- 24DC/ 1/ACT	PLC actuator interface, consisting of PLC-BPIT...ACT basic terminal block with Push-In connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 1 N/O contact, input voltage 24 V DC
2966210	PLC-RSC- 24DC/ 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, 1 N/O contact, input voltage 24 V DC

2967345	PLC-RSP- 24DC/ 1/ACT	PLC actuator relay, consisting of base terminal block PLC-BSP...ACT with spring-cage connection and pluggable miniature relay with power contact, for assembly on DIN rail NS 35/7.5, 1 N/O contact, input voltage 24 V DC
<b>Relay switch</b>		
2900328	PLC-RPIT- 24UC/ 1/S/H	PLC interface with switch (operation by hand) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with Push-In connection, for mounting on DIN rail NS 35/7.5, one N/O contact, input voltage 24 V AC/DC
2900327	PLC-RPIT- 24UC/ 1/S/L	PLC interface with switch (operation by screwdriver) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with Push-In connection, for mounting on DIN rail NS 35/7.5, one N/O contact, input voltage 24 V AC/DC
2982236	PLC-RSC- 24UC/ 1/S/H	PLC-interface with switch (operation by hand) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with screw connection, for assembly on DIN rail NS 35/7.5, a N/O, input voltage 24 V AC/DC
2982249	PLC-RSP- 24UC/ 1/S/H	PLC-interface with switch (operation by hand) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with spring-cage connection, for assembly on DIN rail NS 35/7.5, a N/O, input voltage 24 V AC/DC
2834889	PLC-RSP- 24UC/ 1/S/L	PLC-INTERFACE with switch (operation using a screwdriver) and integrated power contact relay for "Manual", "Zero", and "Automatic" functions, with spring-cage connection, for mounting on NS 35/7.5 DIN rail, one N/O contact, 24 V AC/DC input voltage
<b>Solid-state relay</b>		
2900398	PLC-OPIT- 24DC/ 24DC/10/R	PLC solid-state relay with Push-In connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/10 A
2900364	PLC-OPIT- 24DC/ 24DC/2	PLC interface, consisting of PLC-BPIT basic terminal block with Push-In connection and pluggable miniature optocoupler, for assembly on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/3 A
2900352	PLC-OPIT- 24DC/ 48DC/100	PLC interface, consisting of PLC-BPIT basic terminal block with Push-In connection and pluggable miniature optocoupler, for assembly on DIN rail NS 35/7.5, input: 24 V DC, output: 3-48 V DC/100 mA
2900378	PLC-OPIT- 24DC/ 48DC/500/W	PLC electronic PDT with Push-In connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-48 V DC/500 mA
2900369	PLC-OPIT- 24DC/230AC/1	PLC interface, consisting of PLC-BPITC basic terminal block with Push-In connection and pluggable miniature optocoupler, for assembly on DIN rail NS 35/7.5, input: 24 V DC, output: 24-253 V AC/ 0.75 A
2900383	PLC-OPIT- 24DC/300DC/1	PLC interface, integrated optocoupler with Push-In connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 12-300 V DC/1 A

2966634	PLC-OSC- 24DC/ 24DC/ 2	PLC interface, consisting of base terminal block PLC-BSC with screw connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/ 3 A
2982702	PLC-OSC- 24DC/ 24DC/ 10/R	PLC solid state relay with screw connection and short-circuit-proof DC voltage output, input: 24 V DC, output: 3-33 V DC/10 A
2966728	PLC-OSC- 24DC/ 48DC/100	PLC interface, consisting of base terminal block PLC-BSC with screw connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-48 V DC/ 100 mA
2980636	PLC-OSC- 24DC/ 48DC/500/W	PLC electronic PDT, integrated optocoupler, with screw connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3 - 48 V DC/500 mA
2967840	PLC-OSC- 24DC/230AC/ 1	PLC interface, consisting of base terminal block PLC-BSC with screw connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 24-253 V AC/ 0.75 A
2980678	PLC-OSC- 24DC/300DC/ 1	PLC relay, integrated optocoupler, with screw connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 12-300 V DC/1 A
2967471	PLC-OSP- 24DC/ 24DC/ 2	PLC Relay, consisting of base terminal block PLC-BSP with spring-cage connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3 - 33 V DC/3 A
2982715	PLC-OSP- 24DC/ 24DC/ 10/R	PLC solid-state relay with spring-cage connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/10 A
2967549	PLC-OSP- 24DC/ 48DC/100	PLC interface, consisting of base terminal block PLC-BSP... with spring-cage connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3-48 V DC/ 100 mA
2980649	PLC-OSP- 24DC/ 48DC/500/W	PLC electronic PDT, integrated optocoupler, with spring-cage connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 3 - 48 V DC/500 mA
2967895	PLC-OSP- 24DC/230AC/ 1	PLC interface, consisting of base terminal block PLC-BSP with spring-cage connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 24-253 V AC/ 0.75 A
2980830	PLC-OSP- 24DC/300DC/ 1	PLC relay, integrated optocoupler, with spring-cage connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: 12-300 V DC/1 A

**Solid-state relay actuator series**

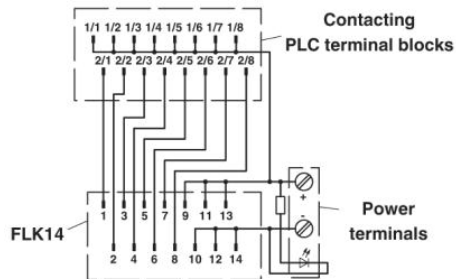
2900376	PLC-OPIT- 24DC/ 24DC/2/ACT	PLC actuator interface, consisting of PLC-BPIT...ACT basic terminal block with Push-In connection and pluggable miniature optocoupler, for assembly on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/3 A
---------	----------------------------	--

2966676	PLC-OSC- 24DC/ 24DC/ 2/ACT	PLC actuator interface, consisting of base terminal block PLC-BSC...ACT with screw connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input 24 V DC, output: 3-33 V DC/ 3 A
2967947	PLC-OSC- 24DC/230AC/ 1/ACT	PLC actuator interface, consisting of base terminal block PLC-BSC...ACT with screw connection and pluggable miniature optocoupler, for mounting on DIN rail NS 35/7.5, input 24 V DC, output: 24-253 V AC/ 0.75 A
2967507	PLC-OSP- 24DC/ 24DC/ 2/ACT	PLC actuator relay, consisting of base terminal block PLC-BSP...ACT with spring-cage connection and pluggable miniature optocoupler, for assembly on DIN rail NS 35/7.5, input: 24 V DC, output: 3-33 V DC/ 3 A

**Diagrams/Drawings**

Circuit diagram

PLC-V8/FLK14/OUT/M 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;