

System connection - PLC-V8L/FLK14/OUT - 2299660

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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



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 893163
Weight per Piece (excluding packing)	82.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	112.3 mm
Height	100 mm
Depth	94 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

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
Status display	Green LED
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664

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Technical data

General

	DIN EN 50178
	IEC 62103
Inflammability class according to UL 94	V0
Pollution degree	2
Surge voltage category	III
Rated surge voltage	0.8 kV

Connection data for connection 1

Connection name	Power supply
Number of connections	1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

Connection data for connection 2

Connection name	Signal level
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	14

Supported controller

Control	SIEMENS S7-400
- suitable I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-1BL00-0AA0
Control	GE-FANUC 90-30
- suitable I/O card	IC693 MDL732
	IC693 MDL740
	IC693 MDL742
Control	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-OB32
	1756-OB16E
Control	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 OBN
Control	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB16
	1746 OB 32

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Supported controller

Control	HONEYWELL PlantScape
- suitable I/O card	TC-ODD 321
Control	MITSUBISHI MELSEC Q
- suitable I/O card	QY81P
Control	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 322-1BH01-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	CPU 313C
	CPU 313C-2PtP
Control	ABB S800 I/O
- suitable I/O card	DO810
	DO840
Control	Emerson DeltaV
- suitable I/O card	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4002S1T2B6
Control	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
Control	MITSUBISHI MELSEC L
- suitable I/O card	LY41PT1P
	LY42PT1P

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27242208

ETIM

ETIM 2.0	EC001423
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Classifications

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001423

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / UL Listed / GOST / cUL Listed / GL / UL Recognized / cUL Recognized / cULus Recognized / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Recognized

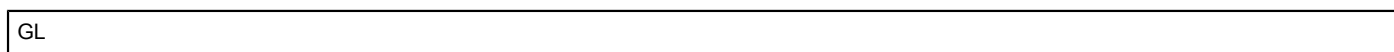
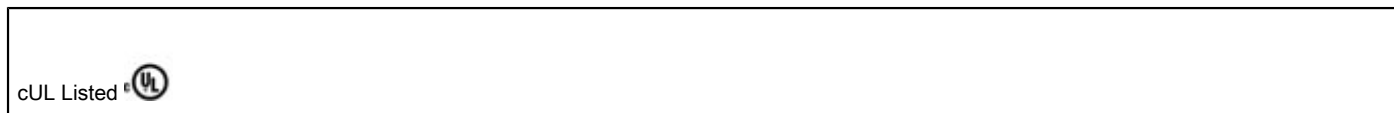
cUL Recognized

UL Listed

GOST

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Approvals



Accessories

Necessary add-on products

Relay Module - PLC-RSP- 24DC/21HC - 2912277



PLC-INTERFACE, consisting of PLC-BSP.../21 HC basic terminal block with spring-cage connection and plug-in miniature relay for high continuous current, for mounting on NS 35/7,5 DIN rail, 1 PDT, 24 V DC input voltage, limiting continuous current up to 10 A

Relay Module - PLC-RPT- 24DC/21HC - 2900291



PLC-INTERFACE, consisting of PLC-BPT.../21 HC basic terminal block with Push-in connection and plug-in miniature relay for high continuous current, for mounting on NS 35/7,5 DIN rail, 1 PDT, input voltage: 24 V DC, limiting continuous current up to 10 A

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Accessories

Relay Module - PLC-RSC- 24DC/21HC - 2967620



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

Relay Module - PLC-RSP- 24DC/21-21 - 2912507



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

Relay Module - PLC-RPT- 24DC/21-21 - 2900330



PLC-INTERFACE, consisting of PLC-BPT.../21-21 basic terminal block with Push-in connection and plug-in miniature relay with power contact, for mounting on NS 35/7,5 DIN rail, 2 PDTs, input voltage 24 V DC

Relay Module - PLC-RSC- 24DC/21-21 - 2967060



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

Relay Module - PLC-RSP- 24DC/21-21AU - 2912578



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

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Accessories

Relay Module - PLC-RPT- 24DC/21-21AU - 2900338



PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with Push-in connection and plug-in miniature relay with multi-layer contact, for mounting on NS 35/7,5 DIN rail, 2 PDTs, 24 V DC input voltage

Relay Module - PLC-RSC- 24DC/21-21AU - 2967125



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

Relay Module - PLC-RSP- 24DC/ 1IC/ACT - 2912413



PLC-INTERFACE, consisting of PLC-BSP.../1 IC/ACT basic terminal block with spring-cage connection and plug-in miniature relay, for high inrush currents, for mounting on NS 35/7,5 DIN rail, 1 N/O contact, 24 V DC input voltage, max. inrush current up to 130 A

Relay Module - PLC-RPT- 24DC/ 1IC/ACT - 2900298



PLC-INTERFACE, consisting of PLC-BSC.../1 IC/ACT basic terminal block with Push-in connection and plug-in miniature relay, for high inrush currents, for mounting on NS 35/7,5 DIN rail, 1 N/O contact, 24 V DC input voltage, max. inrush current up to 130 A

Relay Module - PLC-RSC- 24DC/ 1IC/ACT - 2967604



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

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Accessories

Relay Module - PLC-RSC- 24DC/ 1- 1/ACT - 2967109



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

Solid-state relay module - PLC-OSC- 24DC/ 24DC/ 5/ACT - 2982786



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

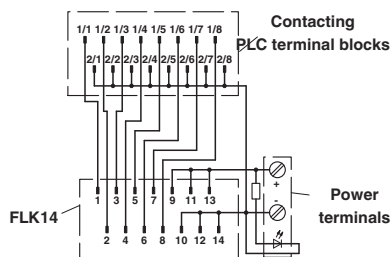
Solid-state relay module - PLC-OSC- 24DC/230AC/ 2/ACT - 2982760



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

Drawings

Circuit diagram



PLC-V8L/FLK14/OUT connection scheme