

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


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V8 adapter for 8 x PLC-INTERFACE (14 mm), controller: PLC system cabling of output cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 893163
GTIN	4017918893163
Weight per Piece (excluding packing)	80.000 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	112.5 mm
Height	39 mm
Depth	56 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP20

#### General

Max. permissible operating voltage	30 V DC
Nominal voltage $U_N$	24 V DC

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### Technical data

#### General

Max. perm. current (per branch)	1 A (per signal path)
Max. permissible current (separate power supply)	3 A
Number of positions	14
Status display	Green LED
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP20

#### Connection data

Connection name	Supply
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	1
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Connection data 2

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14
Pitch	2.54 mm

#### Connection data 3

Connection name	Field level
Connection method	Plug connection
Note	Can be snapped onto 8x PLC-INTERFACE terminals

#### Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 522-1BH00-0AB0
	6ES7 522-1BH01-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-1BL00-0AA0

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#### Supported controller

Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-OB32
	1756-OB16E
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 OBN
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB 32
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-ODD 321
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QY81P
	QY82P
Controller	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
Controller	ABB S800 I/O
- suitable I/O card	DO810
	DO840
Controller	Emerson DeltaV
- suitable I/O card	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4002S1T2B6
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LY41PT1P
	LY42PT1P

#### Standards and Regulations

Connection in acc. with standard	CUL
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## Technical data

### Standards and Regulations

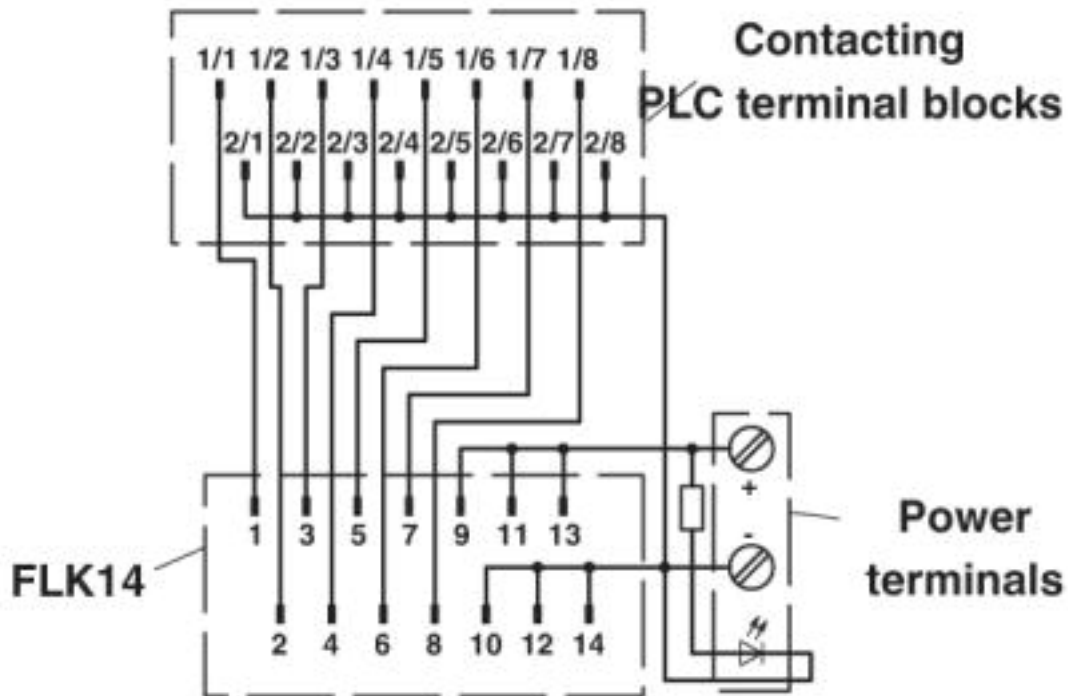
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Circuit diagram



PLC-V8L/FLK14/OUT connection scheme

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## Classifications

### eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121432

## Approvals

### Approvals

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#### Approvals

PRS / GL / UL Listed / UL Recognized / cUL Recognized / cUL Listed / EAC / DNV GL / cULus Recognized / cULus Listed

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#### Ex Approvals

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### Approval details

PRS		<a href="http://www.prs.pl/">http://www.prs.pl/</a>	TE/2109/880590/16
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## Approvals

GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	46016-03 HH
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UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
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UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN	24 V		
Nominal current IN	1 A		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN	24 V		
Nominal current IN	1 A		

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
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EAC			RU C- DE.A*30.B.01742
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DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE0000196-02
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cULus Recognized			
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### Approvals

cULus Listed

