System connection - PLC-V8/FLK14/IN/M - 2304115

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V8L-INPUT 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

Key commercial data

package_quantity	1
GTIN	4017918924423

Technical data

Dimensions

Width	49.6 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 ± 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.)
Test voltage contact/contact	0.8 kV AC
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103
Pollution degree	2
Surge voltage category	III

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Technical data

General

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 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
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	ABB S800 I/O
- suitable I/O card	DI814
Control	Emerson DeltaV
- suitable I/O card	VE4001S2T2B3 Series 2
- suitable I/O card	VE4001S5T2B5
- suitable I/O card	VE4001S2T2B5
Control	MITSUBISHI MELSEC Q
- suitable I/O card	QY41P
- suitable I/O card	QY42P
- suitable I/O card	QH42P
Control	MITSUBISHI MELSEC L
- suitable I/O card	LY41NT1P
- suitable I/O card	LY42NT1P

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313

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classifications

eCl@ss

eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27242208

ETIM

ETIM 2.0	EC001423
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

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

Approval details

UL Recognized

UL Listed

cUL Recognized

cUL Listed

GL

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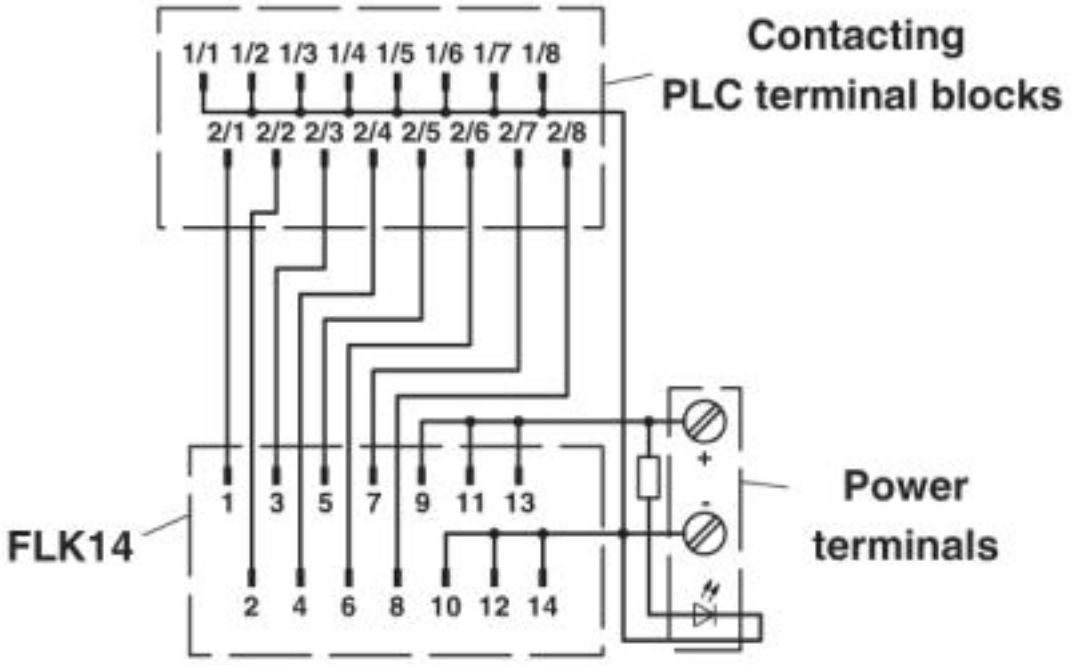
approvals

cULus Recognized

cULus Listed

Drawings

Circuit diagram



Connection scheme: PLC-V8/FLK14/IN/M