

System connection - PLC-V8/FLK14/IN - 2296553

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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: Plus switching

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 189150

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

Max. perm. operating voltage	30 V DC
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
Flammability rating according to UL 94	V0
Degree of protection	IP20
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)

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Technical data

General

Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

Connection name	Supply
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
Number of connections	1

Connection data for connection 2

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

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI818
	DI830
	DI840
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-IB16
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 IB16
	1746 ITB16
	1746 IN16
	1746 IB 32
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
Controller	GE-FANUC 90-30
- suitable I/O card	IC693 MDL241
	IC693 MDL634
	IC693 MDL645

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Supported controller

	IC693 MDL646
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX81
	QX82
	QX82-S1
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BH02-0AA0
	6ES7 321-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 321-1BH10-0AA0
	CPU 313C
	CPU 313C-2PtP
Controller	Schneider Electric MODICON TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
Controller	Emerson DeltaV
- suitable I/O card	VE4001S2T2B3
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL660
Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	ADV151
	ADV161
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161

Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2

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Technical data

Standards and Regulations

Overvoltage category	II
Flammability rating according to UL 94	V0

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	27141152

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC002780

UNSPSC

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

Approvals

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

Ex Approvals

Approvals submitted

Approval details

System connection - PLC-V8/FLK14/IN - 2296553

Approvals

UL Recognized

UL Listed

cUL Recognized

cUL Listed

GL

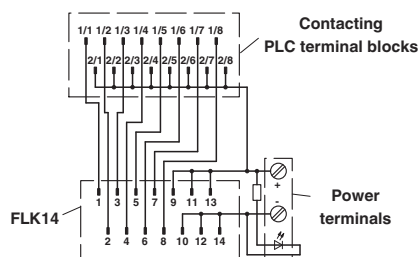
EAC

cULus Recognized

cULus Listed

Drawings

Circuit diagram



Connection scheme: PLC-V8/FLK14/IN

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