

System connection - PLC-V8L/FLK14/OUT/M - 2304306

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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: Minus switching



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	81.6 g
Custom tariff number	85389099
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

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

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Technical data

General

Assembly instructions	In rows with zero spacing
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)
Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

Connection name	Supply
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
Pitch	2.54 mm

Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DO814
	DO818
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX42
	QX42-S1
	QH42P
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LY41NT1P
	LY42NT1P

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Standards and Regulations

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

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
eCl@ss 9.0	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 / cUL Recognized / UL Listed / cUL Listed / GL / EAC / cULus Recognized / cULus Listed

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

UL Listed

cUL Listed

GL

EAC

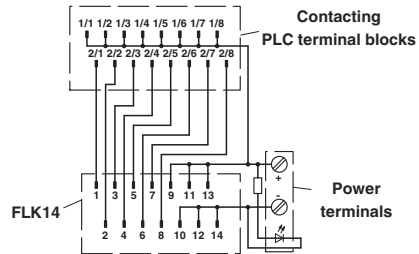
cULus Recognized

cULus Listed

Drawings

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Circuit diagram



PLC-V8L/FLK14/OUT/M connection scheme