

System connection - PLC-V8/FLK14/OUT - 2295554

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V8-OUTPUT 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 189143

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
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

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Technical data

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	SIEMENS S7-400
- suitable I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Controller	GE-FANUC 90-30
- suitable I/O card	IC693 MDL732
	IC693 MDL740
	IC693 MDL742
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 OB16
	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

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Technical data

Supported controller

	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
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

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423

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Classifications

ETIM

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

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

UL Listed

cUL Recognized

cUL Listed

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Approvals

GL

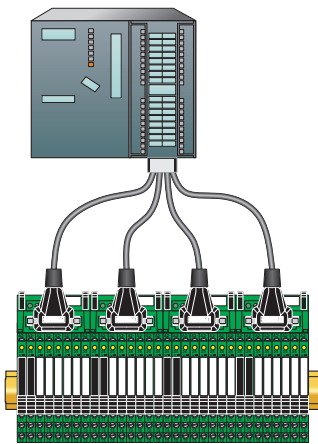
EAC

cULus Recognized

cULus Listed

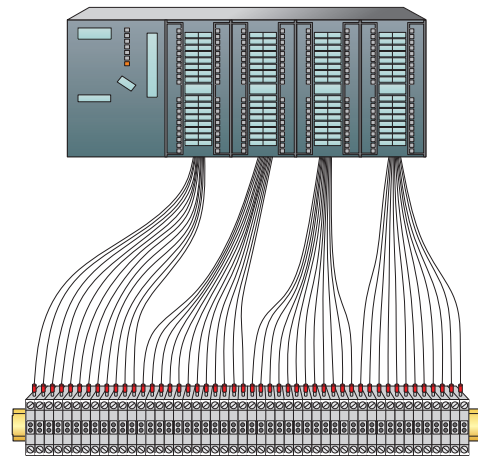
Drawings

Application drawing



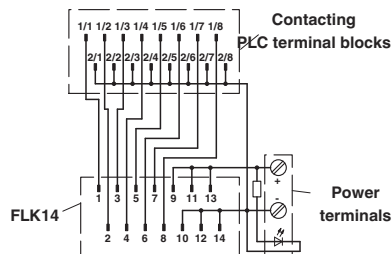
Wiring with V8 adapter

Application drawing



Conventional wiring

Circuit diagram



PLC-V8/FLK14/OUT connection scheme

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