

System connection - RIF-1-V8/PT/FLK14/OUT - 2905195


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V8-OUTPUT adapter for eight RIFLINE complete RIF-1 relay bases. 14-pos. flat-ribbon cable connection for the PLC system cabling, control logic: positive switching



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 946650
Weight per Piece (excluding packing)	102.9 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	128 mm
Height	101 mm
Depth	75 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

Max. permissible 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	Yellow LED/per channel
Mounting position	any
Assembly instructions	Can be plugged into 8 x RIFLINE complete RIF-1 relay bases
Degree of protection	IP20
Designation	Air clearances and creepage distances

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Technical data

General

Standards/regulations	IEC 60664
	IEC 62103
	DIN EN 50178
Rated insulation voltage	63 V DC
Rated surge voltage	0.6 kV (Functional insulation)
Pollution degree	2
Surge voltage category	II
UL, USA	UL 508 Recognized
CSA	CSA-C22.2 No. 14-13

Connection data for connection 1

Connection name	Power supply
Number of connections	4
Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Stripping length	10 mm

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

Controller	SIEMENS S7-400
- suitable I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-1BL00-0AA0
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

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Supported controller

- suitable I/O card	1746 OB16
	1746 OB 32
Controller	HONEYWELL PlantScape
- 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

Classifications

eCl@ss

eCl@ss 5.1	27250313
eCl@ss 6.0	27242208
eCl@ss 8.0	27242208

ETIM

ETIM 5.0	EC001423
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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

CSA

cULus Recognized

Drawings

Circuit diagram

