

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

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Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
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. 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	Yellow LED/per channel
Mounting position	any
Assembly instructions	Can be plugged into 8 x RIFLINE complete RIF-1 relay bases

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

Technical data

General

Degree of protection	IP20
Designation	Air clearances and creepage distances
Standards/regulations	IEC 60664
	IEC 62103
	DIN EN 50178
Rated insulation voltage	63 V DC
Rated surge voltage	0.6 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II
UL, USA	UL 508 Recognized
CSA	CSA-C22.2 No. 14-13

Connection data for connection 1

Connection name	Supply
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section solid	0.2 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross section AWG	24 ... 16
Number of connections	4

Connection data for connection 2

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

Connection data for connection 3

Connection method	Plug connection
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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

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

Technical data

Supported controller

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
	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

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

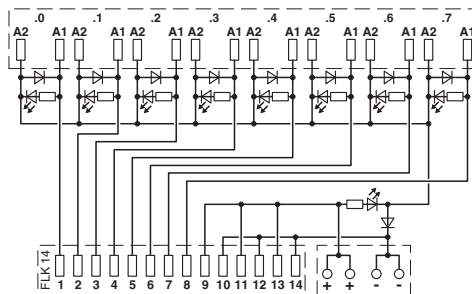
Technical data

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	IEC 60664
	IEC 62103
	DIN EN 50178
Degree of pollution	2
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CSA	CSA-C22.2 No. 14-13
	CSA-C22.2 No. 158-10

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 5.1	27250313
eCl@ss 6.0	27242208
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
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Approvals

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UL Recognized / cUL Recognized / CSA / cULus Recognized


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Approvals


Ex Approvals

Approval details

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

cUL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

CSA  <http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing> 2607057

cULus Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>
