

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

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V8 adapter for 8 x RIF-1 relay base, controller: PLC system cabling of output cards, connection 1: Push-in connection 4x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection, number of channels: 8, control logic: plusschaltend

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 946650
GTIN	4046356946650
Weight per Piece (excluding packing)	80.000 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
Degree of protection	IP20

General

Nominal voltage U_N	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

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Technical data

General

Assembly instructions	Can be plugged into 8 x RIFLINE complete RIF-1 relay bases
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Connection data

Connection name	Supply
Connection method	Push-in connection
Stripping length	10 mm
Number of connections	4
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

Connection data 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 3

Connection method	Plug connection
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Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 522-1BH00-0AB0
	6ES7 522-1BH01-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 422-1BL00-0AA0
	6ES7 422-1BL00-0AA0
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

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Technical data

Supported controller

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

Designation	Air clearances and creepage distances
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	63 V DC
Rated surge voltage	0.6 kV (Functional insulation)
Pollution degree	2
Overvoltage category	II
UL, USA	UL 508 Recognized
CSA	CSA-C22.2 No. 14-13
	CSA-C22.2 No. 158-10

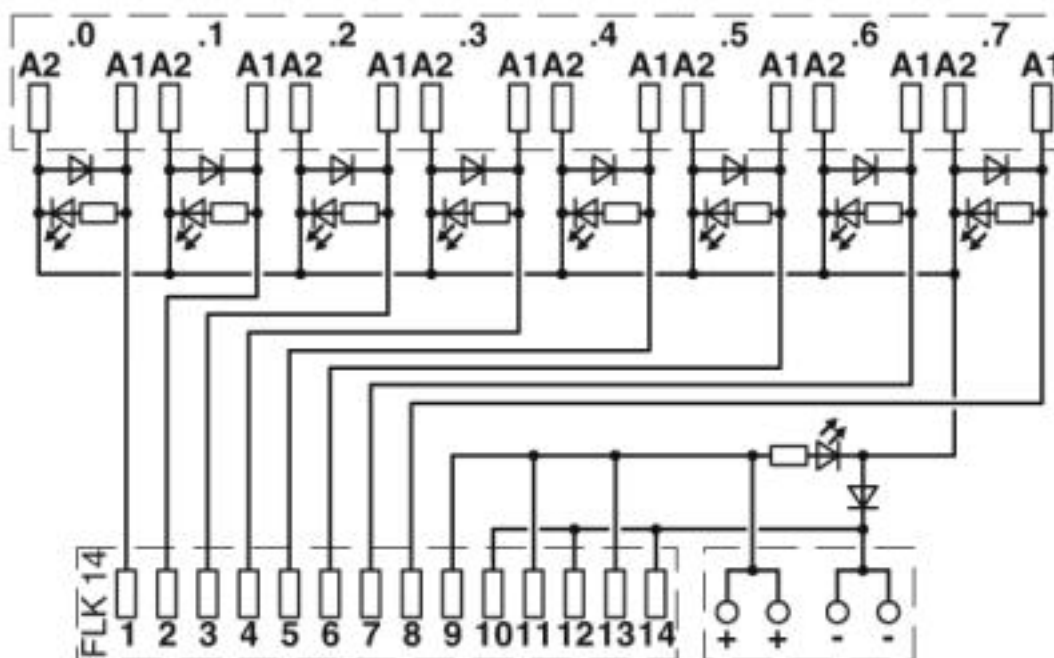
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Drawings

Circuit diagram



Connection scheme for RIF-1-V8/PT/FLK14/OUT

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432

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Classifications

UNSPSC

UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705		
Nominal voltage UN					24 V	
Nominal current IN					1 A	

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		24 V		
Nominal current IN		1 A		

EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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Accessories

Necessary add-on products

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

Accessories

Relay Module - RIF-1-RPT-LDP-24DC/1X21 - 2903342



Pre-assembled relay module with push-in connection, consisting of: relay base, power contact relay, plug-in display/suppressor module, and retaining bracket. Contact type: 1 PDT. Input voltage: 24 V DC

Relay Module - RIF-1-RPT-LDP-24DC/1X21AU - 2903338



Pre-assembled relay module with push-in connection, consisting of: relay base, multi-layer contact relay, plug-in display/suppressor module, and retaining bracket. Contact type: 1 PDT. Input voltage: 24 V DC

Relay Module - RIF-1-RPT-LDP-24DC/2X21 - 2903334



Pre-assembled relay module with push-in connection, consisting of: relay base, power contact relay, plug-in display/suppressor module, and retaining bracket. Contact type: 2 PDTs. Input voltage: 24 V DC

Relay Module - RIF-1-RPT-LDP-24DC/2X21AU - 2903330



Pre-assembled relay module with push-in connection, consisting of: relay base, multi-layer contact relay, plug-in display/suppressor module, and retaining bracket. Contact type: 2 PDTs. Input voltage: 24 V DC
