

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: Plug connection; connection 2: 1x IDC/FLK pin strip (14-position); number of channels: 8; control logic: plusschaltend

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 946650 |
| GTIN | 4046356946650 |
| 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 |

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Technical data

General

| | |
|-----------------------|--|
| 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 |

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 |
|-------------------|-----------------|

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 | GE-FANUC 90-30 |
| - suitable I/O card | IC693 MDL732 |
| | IC693 MDL740 |
| | IC693 MDL742 |
| Controller | ALLEN-BRADLEY ControlLogix |

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Technical data

Supported controller

| | |
|---------------------|-----------------------------|
| - 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

| | |
|-------------|---------------------------------------|
| Designation | Air clearances and creepage distances |
|-------------|---------------------------------------|

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Technical data

Standards and Regulations

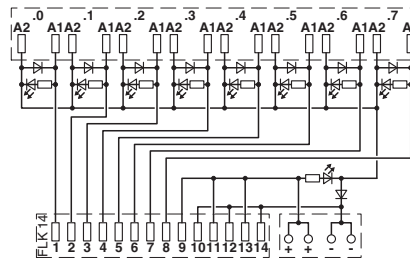
| | |
|--------------------------|--------------------------------|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| Rated insulation voltage | 63 V DC |
| Rated surge voltage | 0.6 kV (Functional insulation) |
| Degree of pollution | 2 |
| Overvoltage category | II |
| UL, USA | UL 508 Recognized |
| CSA | CSA-C22.2 No. 14-13 |
| | CSA-C22.2 No. 158-10 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27141152 |
| eCl@ss 9.0 | 27141152 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002780 |
| ETIM 6.0 | EC002780 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121432 |
|-------------|----------|

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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

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

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