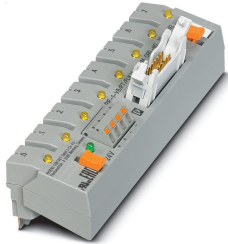


System connection - RIF-1-V8/PT/FLK14/OUT/M - 2906992


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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: minusschaltend

RoHS

Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 |
| GTIN |  4 0 5 5 6 2 6 1 5 5 3 2 6 |
| GTIN | 4055626155326 |
| Custom tariff number | 85366990 |

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 |

System connection - RIF-1-V8/PT/FLK14/OUT/M - 2906992

Technical data

General

| | |
|-----------------------|--|
| Status display | Yellow LED/per channel |
| Mounting position | any |
| Assembly instructions | Can be plugged into 8 x RIFLINE complete RIF-1 relay bases |

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

Supported controller

| | |
|---------------------|--------------------------|
| Controller | ABB S800 I/O |
| - suitable I/O card | DO814 |
| | DO818 |
| Controller | YOKOGAWA CS3000 CentumVP |
| - suitable I/O card | ADV551 |
| | ADV561 |
| Controller | YOKOGAWA STARDOM |
| - suitable I/O card | NFDV551 |
| | NFDV561 |
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QH42P |

System connection - RIF-1-V8/PT/FLK14/OUT/M - 2906992

Technical data

Supported controller

| | |
|---------------------|---------------------|
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |

Standards and Regulations

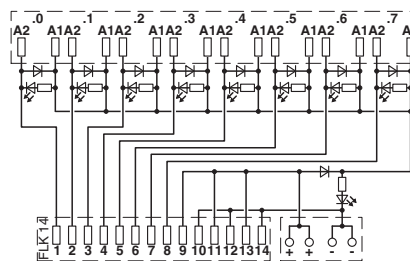
| | |
|--------------------------|---------------------------------------|
| Designation | Air clearances and creepage distances |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| Rated insulation voltage | 63 V DC |
| Rated surge voltage | 0.6 kV (Functional insulation) |
| Pollution degree | 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 years |
| | 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/M

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 11.0 | 27141152 |

System connection - RIF-1-V8/PT/FLK14/OUT/M - 2906992

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 9.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC002780 |
| ETIM 7.0 | EC002780 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39122114 |
| UNSPSC 18.0 | 39121432 |
| UNSPSC 19.0 | 39121432 |
| UNSPSC 20.0 | 39121432 |
| UNSPSC 21.0 | 39121432 |

Approvals


Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals


Approval details


| | | | |
|--------------------|---|---|---------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 2607057 |
| Nominal voltage UN | 24 V | | |


System connection - RIF-1-V8/PT/FLK14/OUT/M - 2906992

Approvals

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

| | |
|------------------|---|
| cULus Recognized |  |
|------------------|---|