# RIF-0-BPT/1 - Relay base

2901873 | My ID: RIF-0-BPT/1

https://www.phoenixcontact.com/pl/produkty/2901873

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RIF-0... relay base, for miniature power relay with 1 N/O contact or solid-state relays of the same design, push-in connection, for mounting on NS 35/7,5

## Commercial data

| | |
|---|---|
| Item number | 2901873 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | DK6521 |
| Product key | DK6521 |
| GTIN | 4046356733120 |
| Weight per piece (including packing) | 19,9 g |
| Weight per piece (excluding packing) | 19,25 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Relay socket |
| Product family | RIFLINE complete |
| Set comprises | 2903359 RIF-0-RPT-24DC/ 1AU |
| | 2903360 RIF-0-RPT-12DC/ 1AU |
| | 2903361 RIF-0-RPT-24DC/ 1 |
| | 2903362 RIF-0-RPT-12DC/ 1 |
| | 2905293 RIF-0-OPT-24DC/24DC/2 |
| | 2905294 RIF-0-OPT-24DC/48DC/100 |
| | 2905295 RIF-0-OPT-24DC/230AC/1 |

### Electrical properties

| | |
|---|---|
| Nominal voltage $U_N$ | 250 V AC/DC (Contact side) |
| Nominal current $I_N$ | max. 8 A (Depends on application/assembly) |
| Protective circuit | Freewheeling diode |

### Input data

| | |
|---|---|
| Input voltage range | 12 V DC ... 24 V DC |

### Connection data

| | |
|---|---|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.14 mm² ... 1.5 mm² |
| Conductor cross-section flexible | 0.14 mm² ... 1.5 mm² |
| | 0.14 mm² ... 1.5 mm² (Ferrule with plastic sleeve) |
| Conductor cross-section AWG | 24 ... 16 |

### Dimensions

Item dimensions

| | |
|---|---|
| Width | 6.2 mm |
| Height | 93 mm |
| Depth | 66 mm |

### Material specifications

| | |
|---|---|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 (Housing) | V2 (Housing) |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 85 °C (Depends on application/assembly) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

## Approvals

Corrosive gas test

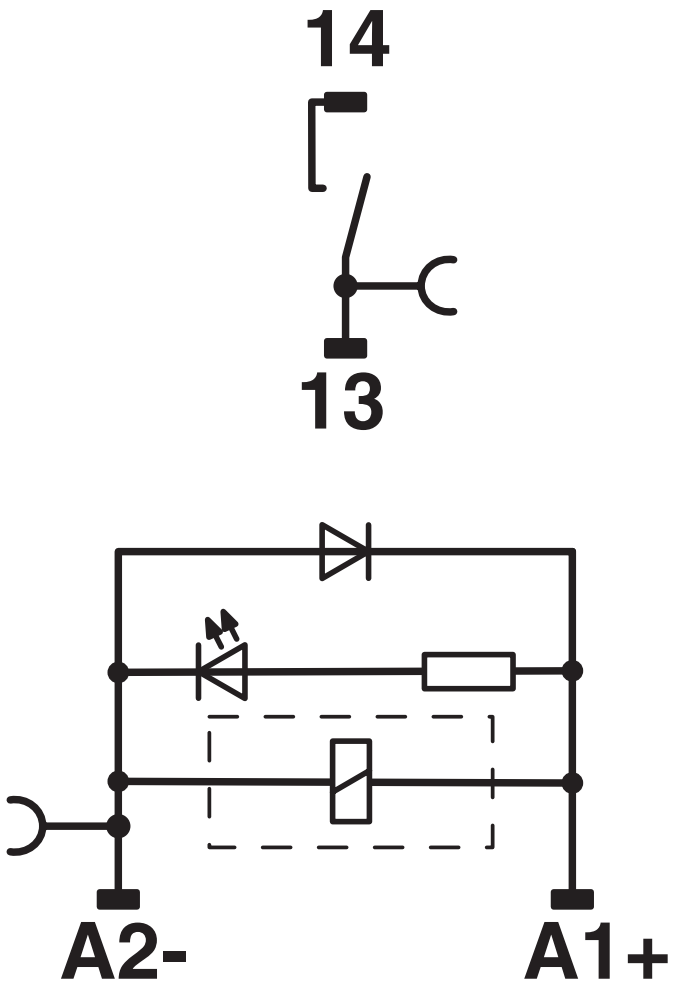
| | |
|---|---|
| Identification | ISA-S71.04. G3 Harsh Group |
| | EN 60068-2-60 |

## Mounting

| | |
|---|---|
| Mounting type | DIN rail mounting |
| Mounting position | any |

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/pl/produkty/2901873

**CSA**
Approval ID: 76787

**UL Recognized**
Approval ID: FILE E 113228

**EAC**
Approval ID: RU D-DE.B*00573/18

**DNV**
Approval ID: TAA000018V

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27371603 |
| ECLASS-15.0 | 27371603 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001456 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39122300 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(a), 7(c)-I |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 28363b6a-bf6a-426b-a849-14baf61bba64 |


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