# RIF-4-BPT/3X21 - Relay base

2900961

https://www.phoenixcontact.com/us/products/2900961

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Relay base RIF-4..., for high-power relay with 2 or 3 changeover contacts or 3 N/O contacts, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

## Commercial data

| | |
|---|---|
| Item number | 2900961 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | C465 |
| Product key | DK6525 |
| GTIN | 4046356733199 |
| Weight per piece (including packing) | 117.9 g |
| Weight per piece (excluding packing) | 119.7 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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## Technical data

### Product properties

| | |
|---|---|
| Product type | Relay socket |
| Product family | RIFLINE complete |

### Electrical properties

| | |
|---|---|
| Nominal voltage $U_N$ | 440 V AC |
| | 250 V DC |
| Nominal current $I_N$ | max. 16 A (Depends on application/assembly) |
| Protective circuit | depending on the selected input/suppressor modules |

### Connection data

#### Coil side

| | |
|---|---|
| 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) |
| | 0.14 mm² ... 1 mm² (Ferrule with plastic sleeve, two conductors on double terminal block) |
| Conductor cross-section AWG | 26 ... 16 (solid) |
| | 26 ... 16 (flexible) |

#### Contact side

| | |
|---|---|
| Connection method | Push-in connection |
| Stripping length | 10 mm |
| Conductor cross-section rigid | 0.14 mm² ... 2.5 mm² |
| Conductor cross-section flexible | 0.14 mm² ... 2.5 mm² |
| | 0.14 mm² ... 2.5 mm² (Ferrule with plastic sleeve) |
| | 0.14 mm² ... 1 mm² (Ferrule with plastic sleeve, two conductors on double terminal block) |
| Conductor cross-section AWG | 26 ... 14 (solid) |
| | 26 ... 14 (flexible) |

### Dimensions

#### Drill hole

| | |
|---|---|
| Diameter | 3.2 mm |
| Width | 43 mm |
| Height | 111 mm |
| Depth Retaining bracket | 90 mm (with retaining bracket) |

### 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 |

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## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2900961

**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 9.0 | EC001456 |
|---|---|

### UNSPSC

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

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## Environmental product compliance

### EU RoHS

| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|---|

### China RoHS

| Environment friendly use period (EFUP) | EFUP-E |
|---|---|
| | No hazardous substances above the limits |

### EU REACH SVHC

| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|---|---|