

# RIF-2-BPT/4X21 - Relay base



2900934

<https://www.phoenixcontact.com/us/products/2900934>

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



## Commercial data

Item number	2900934
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6523
GTIN	4046356733175
Weight per piece (including packing)	69.15 g
Weight per piece (excluding packing)	62.825 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
Set comprises	2903304 RIF-2-RPT-LV-230AC/4X21
	2903305 RIF-2-RPT-LV-120AC/4X21
	2903306 RIF-2-RPT-LV-24AC/4X21
	2903308 RIF-2-RPT-LDP-24DC/4X21
	2903310 RIF-2-RPT-LV-230AC/2X21
	2903311 RIF-2-RPT-LV-120AC/2X21
	2903313 RIF-2-RPT-LV-24AC/2X21
	2903315 RIF-2-RPT-LDP-24DC/2X21
	2908332 RIF-2-RPT-LDP-24DC/4X21 AU
	1188200 RIF-2-RPT-LV-230AC/4X21AU
1577412 RIF-2-RPT-PHS-LDP-24DC/2X21	

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Nominal current $I_N$	max. 12 A (Depends on application/assembly)
Protective circuit	depending on the selected input/suppressor modules

### Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Ferrule with plastic sleeve, two conductors on double terminal block)
Conductor cross-section AWG	26 ... 16 (solid)
	26 ... 16 (flexible)

### Dimensions

#### Item dimensions

Width	31 mm
Height	96 mm
Depth (Retaining bracket)	75 mm (with retaining bracket)

#### Drill hole

Diameter	3.2 mm
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### Material specifications

Color	gray (RAL 7042)
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Flammability rating according to UL 94 (Housing)	V2 (Housing)
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## 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/2900934>

 **CSA**  
Approval ID: 76787

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

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

**DNV**  
Approval ID: TAA000018V

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## Classifications

### ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

### ETIM

ETIM 10.0	EC001456
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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