

# RIF-1-BPT/2X21 - Relay base



2900931

<https://www.phoenixcontact.com/us/products/2900931>

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Relay base RIF-1..., for miniature power relay with 1 or 2 changeover contacts or solid-state relays of the same design, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

## Commercial data

Item number	2900931
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6522
GTIN	4046356733151
Weight per piece (including packing)	50.1 g
Weight per piece (excluding packing)	49.7 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Notes

Notes on operation	FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)
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### Product properties

Product type	Relay socket
Product family	RIFLINE complete
Set comprises	2903327 RIF-1-RPT-LV-230AC/2X21AU 2903328 RIF-1-RPT-LV-120AC/2X21AU 2903329 RIF-1-RPT-LV-24AC/2X21AU 2903330 RIF-1-RPT-LDP-24DC/2X21AU 2903331 RIF-1-RPT-LV-230AC/2X21 2903332 RIF-1-RPT-LV-120AC/2X21 2903333 RIF-1-RPT-LV-24AC/2X21 2903334 RIF-1-RPT-LDP-24DC/2X21 2903339 RIF-1-RPT-LV-230AC/1X21 2903340 RIF-1-RPT-LV-120AC/1X21 2903341 RIF-1-RPT-LV-24AC/1X21 2903342 RIF-1-RPT-LDP-24DC/1X21 2905289 RIF-1-RPT-LDP-24DC/1X21MS 2905290 RIF-1-RPT-LV-230AC/1X21MS 2905291 RIF-1-RPT-LDP-24DC/2X21MS 2905292 RIF-1-RPT-LV-230AC/2X21MS 2906223 RIF-1-RPT-LDP-12DC/2X21 2906224 RIF-1-RPT-LDP-12DC/1X21 2909775 RIF-1-RPT-LV-120AC/2X21MS 2909776 RIF-1-RPT-LV-120AC/1X21MS 2909884 RIF-1-RPT-LDP-24DC/1IC 1049232 RIF-1-RPT-LV-24AC/2X21MS 1078686 RIF-1-RPT-LDP-24DC/1ICT 1188144 RIF-1-RPT-L-24AC/2X21MS 1188142 RIF-1-RPT-LRC-230AC/2X21MS

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Nominal current $I_N$	max. 13 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>

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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	16 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)
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/2900931>



**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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