

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



2900938

<https://www.phoenixcontact.com/us/products/2900938>

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Relay base RIF-3..., for octal relays with 3 changeover contacts, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5



## Commercial data

Item number	2900938
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6524
GTIN	4046356733052
Weight per piece (including packing)	78.1 g
Weight per piece (excluding packing)	70 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	2903292 RIF-3-RPT-LV-230AC/3X21
	2903293 RIF-3-RPT-LV-120AC/3X21
	2903294 RIF-3-RPT-LDP-24DC/3X21

### 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

#### Drill hole

Diameter	3.2 mm
Width	40 mm
Height	103 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

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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/2900938>



**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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)