

# RIF-0-BPT/21 - Relay base



2900958

<https://www.phoenixcontact.com/us/products/2900958>

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

## Commercial data

Item number	2900958
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6521
GTIN	4046356733014
Weight per piece (including packing)	21.432 g
Weight per piece (excluding packing)	20 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	2903368 RIF-0-RPT-24DC/21AU
	2903369 RIF-0-RPT-12DC/21AU
	2903370 RIF-0-RPT-24DC/21
	2903371 RIF-0-RPT-12DC/21
	1550107 RIF-0-RPT-24DC/21/MS

### 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
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### 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)
Conductor cross-section AWG	24 ... 16

### Dimensions

#### Item dimensions

Width	6.2 mm
Height	93 mm
Depth	78 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

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## Corrosive gas test

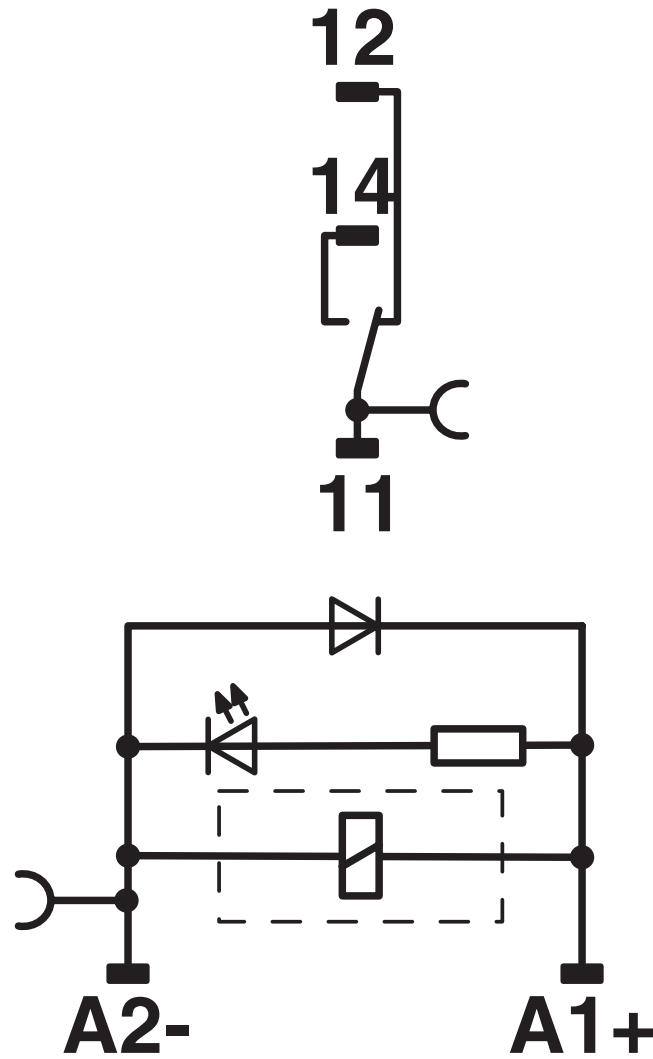
Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2900958>



**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
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	24c06b55-f1a6-4d06-9929-5f63500f22be

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