

# RIF-0-BSC/21 - Relay base



2900957

<https://www.phoenixcontact.com/us/products/2900957>

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RIF-0... relay base, for miniature power relay with 1 changeover contact or identical solid-state relays, screw connection, for mounting on NS 35/7,5

## Commercial data

Item number	2900957
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6511
GTIN	4046356733007
Weight per piece (including packing)	25.54 g
Weight per piece (excluding packing)	25 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 $U_N$	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	Screw connection
Stripping length	7 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section rigid (2 conductors with same cross section)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	20 ... 12 (solid)
	20 ... 14 (flexible)
Tightening torque	0.5 Nm ... 0.6 Nm

### Dimensions

Width	6.2 mm
Height	84 mm
Depth	82 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

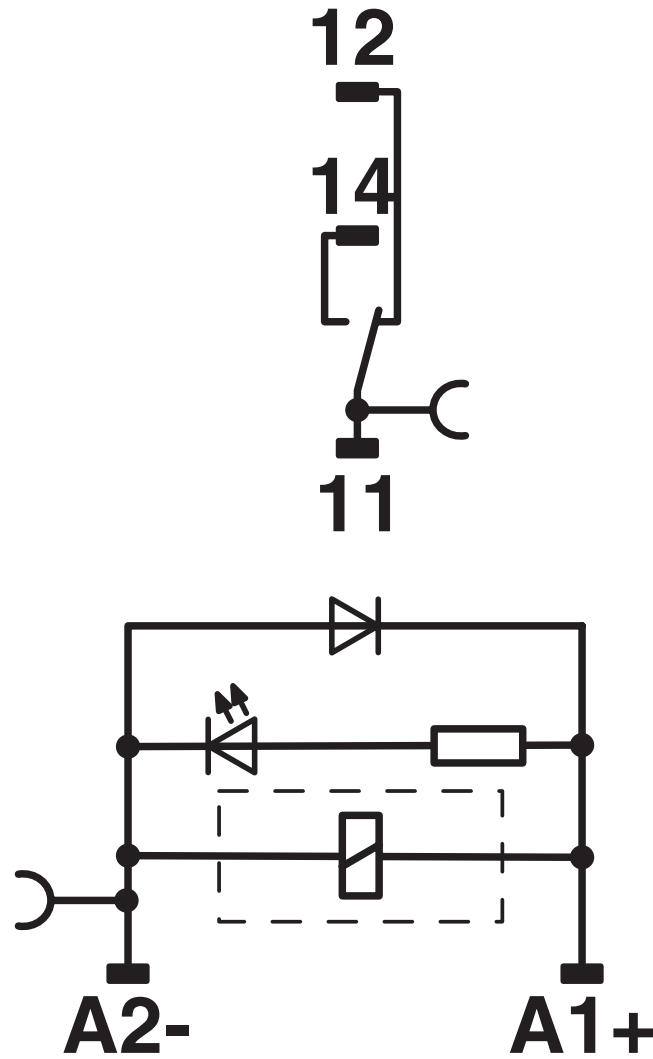
Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

Drawings

Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

### ETIM

ETIM 9.0	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)

### 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	d369dcea-73c7-45dd-b96e-a4c0819e9619

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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)