

# RIF-0-BPT/1 - Relay base

2901873

<https://www.phoenixcontact.com/us/products/2901873>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

## Commercial data

Item number	2901873
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C465
Product key	DK6521
GTIN	4046356733120
Weight per piece (including packing)	19.443 g
Weight per piece (excluding packing)	19.25 g
Customs tariff number	85366990
Country of origin	CN

# RIF-0-BPT/1 - Relay base



2901873

<https://www.phoenixcontact.com/us/products/2901873>

## Technical data

### Product properties

Product type	Relay socket
Product family	RIFLINE complete
Set comprises	2903359 RIF-0-RPT-24DC/ 1AU
	2903360 RIF-0-RPT-12DC/ 1AU
	2903361 RIF-0-RPT-24DC/ 1
	2903362 RIF-0-RPT-12DC/ 1
	2905293 RIF-0-OPT-24DC/24DC/2
	2905294 RIF-0-OPT-24DC/48DC/100
2905295 RIF-0-OPT-24DC/230AC/1	

### 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
---------------------	---------------------

### 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	66 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

# RIF-0-BPT/1 - Relay base

2901873

<https://www.phoenixcontact.com/us/products/2901873>



## Approvals

### 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



# RIF-0-BPT/1 - Relay base



2901873

<https://www.phoenixcontact.com/us/products/2901873>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2901873>



**CSA**

Approval ID: 76787



**UL Recognized**

Approval ID: FILE E 113228



**EAC**

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

**DNV**

Approval ID: TAA000018V

# RIF-0-BPT/1 - Relay base



2901873

<https://www.phoenixcontact.com/us/products/2901873>

## Classifications

### ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

### ETIM

ETIM 10.0	EC001456
-----------	----------

### UNSPSC

UNSPSC 21.0	39122300
-------------	----------

# RIF-0-BPT/1 - Relay base



2901873

<https://www.phoenixcontact.com/us/products/2901873>

## 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	28363b6a-bf6a-426b-a849-14baf61bba64

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

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