RIF-0-BPT/1 - Relay base

2901873

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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)	19.9 g
Weight per piece (excluding packing)	19.25 g
Customs tariff number	85366990
Country of origin	CN

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 mm² ... 1.5 mm²
Conductor cross-section flexible	0.14 mm² ... 1.5 mm²
	0.14 mm² ... 1.5 mm² (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

Approvals

Corrosive gas test

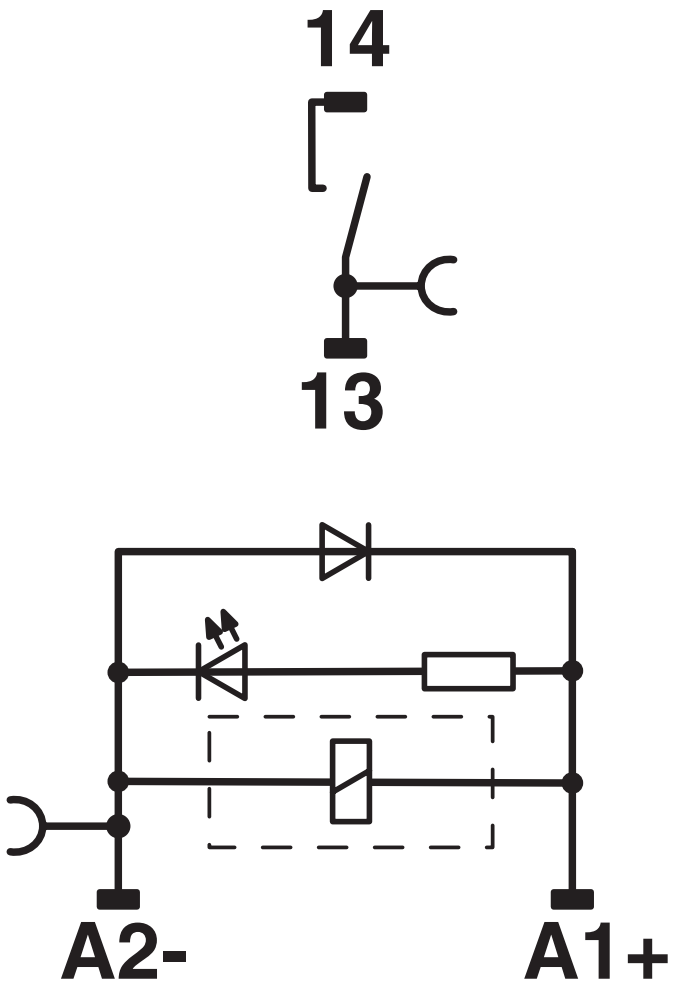
Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Drawings

Circuit diagram



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

Classifications

ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

ETIM

ETIM 10.0	EC001456

UNSPSC

UNSPSC 21.0	39122300

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

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