

RIF-1-BPT/2X21 - Relay base



2900931

<https://www.phoenixcontact.com/us/products/2900931>

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Relay base RIF-1..., for miniature power relay with 1 or 2 changeover contacts or solid-state relays of the same design, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

Commercial data

Item number	2900931
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6522
GTIN	4046356733151
Weight per piece (including packing)	50.1 g
Weight per piece (excluding packing)	49.7 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Notes

Notes on operation	FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)
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Product properties

Product type	Relay socket
Product family	RIFLINE complete
Set comprises	2903327 RIF-1-RPT-LV-230AC/2X21AU 2903328 RIF-1-RPT-LV-120AC/2X21AU 2903329 RIF-1-RPT-LV-24AC/2X21AU 2903330 RIF-1-RPT-LDP-24DC/2X21AU 2903331 RIF-1-RPT-LV-230AC/2X21 2903332 RIF-1-RPT-LV-120AC/2X21 2903333 RIF-1-RPT-LV-24AC/2X21 2903334 RIF-1-RPT-LDP-24DC/2X21 2903339 RIF-1-RPT-LV-230AC/1X21 2903340 RIF-1-RPT-LV-120AC/1X21 2903341 RIF-1-RPT-LV-24AC/1X21 2903342 RIF-1-RPT-LDP-24DC/1X21 2905289 RIF-1-RPT-LDP-24DC/1X21MS 2905290 RIF-1-RPT-LV-230AC/1X21MS 2905291 RIF-1-RPT-LDP-24DC/2X21MS 2905292 RIF-1-RPT-LV-230AC/2X21MS 2906223 RIF-1-RPT-LDP-12DC/2X21 2906224 RIF-1-RPT-LDP-12DC/1X21 2909775 RIF-1-RPT-LV-120AC/2X21MS 2909776 RIF-1-RPT-LV-120AC/1X21MS 2909884 RIF-1-RPT-LDP-24DC/1IC 1049232 RIF-1-RPT-LV-24AC/2X21MS 1078686 RIF-1-RPT-LDP-24DC/1ICT 1188144 RIF-1-RPT-L-24AC/2X21MS 1188142 RIF-1-RPT-LRC-230AC/2X21MS

Electrical properties

Nominal voltage U_N	250 V AC/DC
Nominal current I_N	max. 13 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 ² ... 1.5 mm ²

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Conductor cross-section flexible	0.14 mm ² ... 1.5 mm ²
	0.14 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
	0.14 mm ² ... 1 mm ² (Ferrule with plastic sleeve, two conductors on double terminal block)
Conductor cross-section AWG	26 ... 16 (solid)
	26 ... 16 (flexible)

Dimensions

Item dimensions

Width	16 mm
Height	96 mm
Depth (Retaining bracket)	75 mm (with retaining bracket)

Drill hole

Diameter	3.2 mm
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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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2900931>



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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