

RIF-2-BPT/4X21/EX - Relay base

1047028

<https://www.phoenixcontact.com/us/products/1047028>



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RIF-2.../EX relay base for assembling with RTIII-sealed industrial relays with 4 changeover contacts for use in zone 2, Push-in connection, plug-in option for input / interference suppression modules, for mounting on NS 35/7,5

Commercial data

Item number	1047028
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C465
Product key	DK6523
GTIN	4055626647500
Weight per piece (including packing)	70.35 g
Weight per piece (excluding packing)	67.4 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	2909739 RIF-2-RPT-LV-230AC/4X21/EX
	2909740 RIF-2-RPT-LV-120AC/4X21/EX
	2909741 RIF-2-RPT-LDP-24DC/4X21/EX

Electrical properties

Nominal voltage U_N	250 V AC/DC
Nominal current I_N	4x 6 A
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
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

Width	31 mm
Height	96 mm
Depth Retaining bracket	75 mm (with retaining bracket)

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 ... 60 °C (Related to the assembly)
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Approvals

Corrosive gas test

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

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Mounting

Mounting type	DIN rail mounting
Mounting position	any

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Approvals

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UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705



IECEx

Approval ID: IECEx IBE 17.0032X



cUL Listed

Approval ID: File E 196811



UL Listed

Approval ID: File E 196811



ATEX

Approval ID: IBExU 17 ATEX B014 X

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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, 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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