

Relay socket - RIF-0-BSC/21 - 2900957


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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

Packing unit	1
GTIN	 4 046356 733007
GTIN	4046356733007
Custom tariff number	85366990

Technical data

Dimensions

Width	6.2 mm
Height	84 mm
Depth	82 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Depends on application/assembly)
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Input data

Input voltage range	12 V DC ... 24 V DC
Protective circuit	Damping diode

Connection data, input side

Connection name	Input side
Connection method	Screw connection

Relay socket - RIF-0-BSC/21 - 2900957

Technical data

Connection data, input side

Stripping length	7 mm
Conductor cross section solid	0.5 mm ² ... 4 mm ²
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
	0.5 mm ² ... 2.5 mm ² (Ferrules without plastic sleeve)
	0.5 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross section AWG	20 ... 12
Torque	0.5 Nm

Connection data, output side

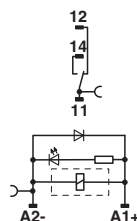
Connection name	Output side
Connection method	Screw connection
Stripping length	7 mm
Conductor cross section solid	0.5 mm ² ... 4 mm ²
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
	0.5 mm ² ... 2.5 mm ² (Ferrules without plastic sleeve)
	0.5 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross section AWG	20 ... 12
Torque	0.5 Nm

General

Nominal voltage U_N	250 V AC/DC (Contact side)
Nominal current I_N	max. 8 A (Depends on application/assembly)
Protective circuit	Damping diode
Color	gray
Mounting position	any
Assembly instructions	In rows with zero spacing

Drawings

Circuit diagram



Relay socket - RIF-0-BSC/21 - 2900957

Classifications

eCl@ss

eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603
eCl@ss 8.0	27371603
eCl@ss 9.0	27371603

ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
ETIM 4.0	EC001456
ETIM 5.0	EC001456
ETIM 6.0	EC001456

UNSPSC

UNSPSC 6.01	30211917
UNSPSC 7.0901	39121516
UNSPSC 11	39121516
UNSPSC 12.01	39121516
UNSPSC 13.2	39122326

Accessories

Accessories

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Insulating sleeve

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Jumper

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 10.7 mm, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 16.9 mm, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 23.1 mm, Number of positions: 4, Color: red

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 29.3 mm, Number of positions: 5, Color: red

Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 60.3 mm, Number of positions: 10, Color: red

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 122.3 mm, Number of positions: 20, Color: red

Plug-in bridge - FBS 50-6 - 3032224



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 50, Color: red

Plug-in bridge - FBS 2-6 BU - 3036932



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 10.7 mm, Number of positions: 2, Color: blue

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Plug-in bridge - FBS 3-6 BU - 3036945



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 16.9 mm, Number of positions: 3, Color: blue

Plug-in bridge - FBS 4-6 BU - 3036958



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 23.1 mm, Number of positions: 4, Color: blue

Plug-in bridge - FBS 5-6 BU - 3036961



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 29.3 mm, Number of positions: 5, Color: blue

Plug-in bridge - FBS 10-6 BU - 3032198



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 10, Color: blue

Plug-in bridge - FBS 20-6 BU - 3032208



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 20, Color: blue

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Plug-in bridge - FBS 50-6 BU - 3032211



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 50, Color: blue

Plug-in bridge - FBS 2-6 GY - 3032237



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 10.7 mm, Number of positions: 2, Color: gray

Plug-in bridge - FBS 3-6 GY - 3032240



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 16.9 mm, Number of positions: 3, Color: gray

Plug-in bridge - FBS 4-6 GY - 3032279



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 23.1 mm, Number of positions: 4, Color: gray

Plug-in bridge - FBS 5-6 GY - 3032266



Plug-in bridge, Pitch: 6.2 mm, Length: 3 mm, Width: 29.3 mm, Number of positions: 5, Color: gray

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Plug-in bridge - FBS 10-6 GY - 3032253



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 10, Color: gray

Single relay

Single relay - REL-MR- 12DC/21 - 2961150



Plug-in miniature power relay, with power contact, 1 PDT, input voltage 12 V DC

Single relay - REL-MR- 24DC/21 - 2961105



Plug-in miniature power relay, with power contact, 1 PDT, input voltage 24 V DC

Single relay - REL-MR- 12DC/21AU - 2961163



Plug-in miniature power relay, with multi-layer gold contact, 1 PDT, input voltage 12 V DC

Single relay - REL-MR- 24DC/21AU - 2961121



Plug-in miniature power relay, with multi-layer gold contact, 1 PDT, input voltage 24 V DC

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Single solid-state relay

Miniature solid-state relay - OPT-24DC/ 24DC/ 2 - 2966595



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/3 A

Miniature solid-state relay - OPT-24DC/ 48DC/100 - 2966618



Plug-in miniature solid-state relay, input solid-state relay, 1 N/O contact, input: 24 V DC, output: 3 - 48 V DC/100 mA

Miniature solid-state relay - OPT-24DC/230AC/ 1 - 2967950



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/0.75 A

Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Test plug terminal block

Relay socket - RIF-0-BSC/21 - 2900957

Accessories

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, Color: silver

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>