

## Relay socket - RIF-0-BPT/21 - 2900958

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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	22.0 g
Country of origin	China

### Technical data

#### Dimensions

Width	6.2 mm
Height	93 mm
Depth	78 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	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

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### Technical data

#### Connection data, input side

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)
	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrules without plastic sleeve)
Conductor cross section AWG	26 ... 16

#### Connection data, output side

Connection name	Output side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	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)
	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrules without plastic sleeve)
Conductor cross section AWG	26 ... 16

### 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

### Standards and Regulations

Connection in acc. with standard	CSA
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### Classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
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 3.0	EC001456
ETIM 4.0	EC001456

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## Classifications

### ETIM

ETIM 5.0	EC001456
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### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

UL Recognized / CSA / EAC / GL / LR / EAC

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#### Ex Approvals


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#### Approvals submitted

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## Approval details

UL Recognized 
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CSA 
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EAC
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GL
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LR
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## Relay socket - RIF-0-BPT/21 - 2900958

### Approvals

EAC
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### 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

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

## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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### Jumper

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 10.7 mm, Number of positions: 2, Color: red

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 16.9 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 23.1 mm, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 29.3 mm, Number of positions: 5, Color: red

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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

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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

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

Plug-in bridge - FBS 50-6 - 3032224



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

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 2, Color: blue

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



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

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 4, Color: blue

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 5, Color: blue

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

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



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

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



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

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



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

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 2, Color: gray

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



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

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 4, Color: gray

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



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 5, Color: gray

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



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

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### Single relay

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



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

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



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

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

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



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

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



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

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### 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

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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

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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

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## Relay socket - RIF-0-BPT/21 - 2900958

### Accessories

#### Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



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

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#### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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### Drawings

#### Circuit diagram

