

## Relay socket - RIF-2-BPT/4X21 - 2900934

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RIF-2... relay base, for industrial relay with 2 or 4 PDTs, push-in connection, plug-in option for input/suppressor modules, for mounting on NS 35/7,5



### Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	70.0 g
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Width	31 mm
Height	96 mm
Depth with retaining bracket	75 mm

#### Ambient conditions

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

#### Input data

Protective circuit	depending on the selected input/suppressor modules
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#### Connection data, input side

Connection name	Input side
Connection method	Push-in connection
Stripping length	8 mm

## Relay socket - RIF-2-BPT/4X21 - 2900934

### Technical data

#### Connection data, input side

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

#### 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 <sub>N</sub>	250 V AC/DC
Nominal current I <sub>N</sub>	max. 12 A (Depends on application/assembly)
Protective circuit	depending on the selected input/suppressor modules
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
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## Classifications

### ETIM

ETIM 4.0	EC001456
ETIM 5.0	EC001456

### 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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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Approvals

LR

EAC

### 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

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### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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: 23 mm, Width: 10.7 mm, Number of positions: 2, Color: red

## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

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 2-6 GY - 3032237



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

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### Plug-in module

Plug-in module - RIF-LDP-12-24 DC - 2900939



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 12 - 24 V DC  $\pm 20\%$

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Plug-in module - RIF-LDP-48-60 DC - 2900940



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 48 - 60 V DC  $\pm 20\%$

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Plug-in module - RIF-LDP-110 DC - 2900941



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 110 V DC  $\pm 20\%$

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Plug-in module - RIF-LV-12-24 UC - 2900942



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor and yellow LED, input voltage: 12 - 24 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-LV-48-60 UC - 2900943



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor and yellow LED, input voltage: 48 - 60 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-LV-120-230 AC/110 DC - 2900944



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor and yellow LED, input voltage: 120 - 230 V AC/110 V DC  $\pm 20\%$

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Plug-in module - RIF-V-12-24 UC - 2900945



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor, input voltage: 12 - 24 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-V-48-60 UC - 2900947



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor, input voltage: 48 - 60 V AC/DC  $\pm 20\%$

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Plug-in module - RIF-V-120-230 UC - 2900948



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with varistor, input voltage: 120 - 230 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-RC-12-24 UC - 2900949



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with RC element, input voltage: 12 - 24 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-RC-48-60 UC - 2900950



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with RC element, input voltage: 48 - 60 V AC/DC  $\pm 20\%$

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Plug-in module - RIF-RC-120-230 UC - 2900951



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with RC element, input voltage: 120 - 230 V AC/DC  $\pm 20\%$

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Timer module - RIF-T3-24UC - 2902647



Plug-in module for extending a relay module to create a timer relay, 3 time functions, 4 time ranges, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, input voltage: 24 V DC

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Retaining bracket



## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Retaining bracket - RIF-RH-2 - 2900954



Relay retaining bracket, with ejector function and holder for marking material, suitable for RIF-2 relay base, for industrial relay

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Retaining bracket - RIF-RHM-2 - 2905984



Relay retaining bracket, wire model, suitable for RIF-2 relay base

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### Single relay

Single relay - REL-IR2/LDP- 12DC/2X21 - 2903659



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 12 V DC

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Single relay - REL-IR2/LDP- 24DC/2X21 - 2903660



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 24 V DC

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Single relay - REL-IR2/LDP- 48DC/2X21 - 2903661



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 48 V DC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR2/LDP- 60DC/2X21 - 2903662



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 60 V DC

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Single relay - REL-IR2/LDP-110DC/2X21 - 2903663



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 110 V DC

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Single relay - REL-IR2/L- 24AC/2X21 - 2903666



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, mechanical switch position indicator, input voltage: 24 V AC

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Single relay - REL-IR2/L-120AC/2X21 - 2903667



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, mechanical switch position indicator, input voltage: 120 V AC

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Single relay - REL-IR2/L-230AC/2X21 - 2903668



Plug-in industrial relay with power contacts, 2 PDTs, test key, status LED, mechanical switch position indicator, input voltage: 230 V AC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR4/LDP- 12DC/4X21 - 2903676



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 12 V DC

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Single relay - REL-IR4/LDP- 24DC/4X21 - 2903677



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, input voltage: 24 V DC

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Single relay - REL-IR4/LDP- 48DC/4X21 - 2903678



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 48 V DC

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Single relay - REL-IR4/LDP- 60DC/4X21 - 2903679



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 60 V DC

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Single relay - REL-IR4/LDP-110DC/4X21 - 2903680



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 110 V DC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR4/L- 24AC/4X21 - 2903686



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, mechanical switch position indicator, coil voltage: 24 V AC

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Single relay - REL-IR4/L-120AC/4X21 - 2903687



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, mechanical switch position indicator, coil voltage: 120 V AC

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Single relay - REL-IR4/L-230AC/4X21 - 2903688



Plug-in industrial relay with power contacts, 4 PDTs, test key, status LED, mechanical switch position indicator, input voltage: 230 V AC

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Single relay - REL-IR4/LDP- 12DC/4X21AU - 2903669



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 12 V DC

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Single relay - REL-IR4/LDP- 24DC/4X21AU - 2903670



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 24 V DC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR4/LDP- 48DC/4X21AU - 2903671



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 48 V DC

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Single relay - REL-IR4/LDP- 60DC/4X21AU - 2903672



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 60 V DC

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Single relay - REL-IR4/LDP-110DC/4X21AU - 2903673



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test key, status LED, freewheeling diode, mechanical switch position indicator, polarity: A1+, A2-, coil voltage: 110 V DC

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Single relay - REL-IR4/L- 24AC/4X21AU - 2903683



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test button, status LED, mechanical switch setting display, coil voltage: 24 V AC

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Single relay - REL-IR4/L-120AC/4X21AU - 2903684



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test button, status LED, mechanical switch setting display, coil voltage: 120 V AC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR4/L-230AC/4X21AU - 2903685



Plug-in industrial relay with power contacts and additional hard gold plating, 4 PDTs, test button, status LED, mechanical switch setting display, coil voltage: 230 V AC

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Single relay - REL-IR2/24DC/2X21 - 2907051



Plug-in industrial relay with power contacts, 2 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 24 V DC

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Single relay - REL-IR2/100AC/2X21 - 2907052



Plug-in industrial relay with power contacts, 2 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 100 V AC

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Single relay - REL-IR2/200AC/2X21 - 2907053



Plug-in industrial relay with power contacts, 2 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 200 V AC

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Single relay - REL-IR4/24DC/4X21 - 2907054



Plug-in industrial relay with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 24 V DC

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## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

Single relay - REL-IR4/100AC/4X21 - 2907055



Plug-in industrial relay with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 100 V AC

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Single relay - REL-IR4/200AC/4X21 - 2907056



Plug-in industrial relay with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 200 V AC

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### Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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Zack marker strip - ZB 15:UNBEDRUCKT - 0811972



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 15.2 mm, Lettering field: 10.5 x 15.1 mm

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### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

## Relay socket - RIF-2-BPT/4X21 - 2900934

### Accessories

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