

## Relay socket - PR2-BSC3/4X21 - 2833576

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Relay socket PR2-B, for industrial relay REL-IR with 2 or 4 PDT, 1/3-level version, screw connections, connection facility for input/interference suppression modules, for mounting on NS 35/7.5

### Product Features

- Relay retaining bracket with labeling field and ejection function
- Plug-in input/interference suppression modules



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	74.06 g
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Width	27 mm
Height	78.5 mm
Depth with retaining bracket	86 mm (EL2-P35)

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

#### Connection data, input side

Connection name	Input side
Connection method	Screw connection

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## Technical data

### Connection data, input side

Stripping length	7 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross section AWG	26 ... 14
	2 conductors with the same cross-section

### Connection data, output side

Connection name	Output side
Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross section AWG	26 ... 14
	2 conductors with the same cross-section

### General

Nominal voltage U <sub>N</sub>	300 V AC/DC
Nominal current I <sub>N</sub>	12 A
Color	green

### 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

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## Classifications

### eCl@ss

eCl@ss 9.0	27371603
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### ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
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 / cUL Recognized / CSA / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized
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cUL Recognized
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## Relay socket - PR2-BSC3/4X21 - 2833576

### Approvals

CSA 

EAC

cULus Recognized 

### Accessories

#### Accessories

#### Marking material

Marker labels - MP 2 - 2833644

Equipment marker, labeling surface 9 x 25 mm



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### Retaining bracket

Relay retaining bracket - EL2-P35 - 2833592



Relay retaining bracket, with eject function and integrated equipment marking area (8 x 25 mm), to suit relay socket PR2, for 35 mm high industrial relay

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### Required add-on products

Single relay - REL-IR/LDP- 12DC/2X21 - 2834012



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 12 V DC

## Relay socket - PR2-BSC3/4X21 - 2833576

### Accessories

Single relay - REL-IR/LDP- 24DC/2X21 - 2834025



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 24 V DC

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Single relay - REL-IR/LDP-110DC/2X21 - 2834041



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 110 V DC

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Single relay - REL-IR/LDP-125DC/2X21 - 2834960



Pluggable industrial relay with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 125 V DC

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Single relay - REL-IR/LDP-220DC/2X21 - 2834957



Pluggable industrial relay with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 220 V DC

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Single relay - REL-IR/L- 24AC/2X21 - 2834054



Plug-in industrial relay with power contacts, 2 PDTs, test button, status LED, mechanical switch setting display, input voltage: 24 V AC

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## Relay socket - PR2-BSC3/4X21 - 2833576

### Accessories

Single relay - REL-IR/L-120AC/2X21 - 2834067



Plug-in industrial relay with power contacts, 2 PDTs, test button, status LED, mechanical switch setting display, input voltage: 120 V AC

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Single relay - REL-IR/L-230AC/2X21 - 2834070



Plug-in industrial relay with power contacts, 2 PDTs, test button, status LED, mechanical switch setting display, input voltage: 230 V AC

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Single relay - REL-IR/LDM- 12DC/2X21 - 2834151



Pluggable industrial relay with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, input voltage 12 V DC

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Single relay - REL-IR/LDM- 24DC/2X21 - 2834164



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, input voltage 24 V DC

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Single relay - REL-IR/LDM- 48DC/2X21 - 2834177



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, input voltage 48 V DC

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## Relay socket - PR2-BSC3/4X21 - 2833576

### Accessories

Single relay - REL-IR/LDM-110DC/2X21 - 2834180



Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, input voltage 110 V DC

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Single relay - REL-IR/LDP- 12DC/4X21AU - 2834083



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, coil voltage: 12 V DC

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Single relay - REL-IR/LDP- 24DC/4X21AU - 2834096



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, coil voltage: 24 V DC

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Single relay - REL-IR/LDP-110DC/4X21AU - 2834119



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, coil voltage: 110 V DC

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Single relay - REL-IR/LDP-125DC/4X21AU - 2834313



Pluggable industrial relay with power contacts and additional hard gold plating, 4 PDTs, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, coil voltage: 125 V DC

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## Relay socket - PR2-BSC3/4X21 - 2833576

### Accessories

Single relay - REL-IR/LDP-220DC/4X21AU - 2834973



Pluggable industrial relay with power contacts and additional hard gold plating, 4 PDTs, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, coil voltage: 220 V DC

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Single relay - REL-IR/L- 24AC/4X21AU - 2834122



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-IR/L-120AC/4X21AU - 2834135



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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Single relay - REL-IR/L-230AC/4X21AU - 2834148



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-IR/LDM- 12DC/4X21AU - 2834193



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, coil voltage: 12 V DC

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## Relay socket - PR2-BSC3/4X21 - 2833576

### Accessories

Single relay - REL-IR/LDM- 24DC/4X21AU - 2834203



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, coil voltage: 24 V DC

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Single relay - REL-IR/LDM- 48DC/4X21AU - 2834216



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, coil voltage: 48 V DC

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Single relay - REL-IR/LDM-110DC/4X21AU - 2834229



Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1-, A2+, coil voltage: 110 V DC

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