

# PR1-BSC3/2X21 - Relay base

2833521

<https://www.phoenixcontact.com/us/products/2833521>

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PR1... relay base, for miniature power relays or miniature switching relays with 1 or 2 changeover contacts or solid-state relays of the same design, 1/3-level version, screw connections, plug-in option for input/interference suppression modules

## Your advantages

- Relay base family for assembly with 1- or 2-changeover contact relay or solid-state relays
- Relay retaining bracket with labeling field and ejection function
- Plug-in input/interference suppression modules

## Commercial data

Item number	2833521
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C463
Product key	DK6312
GTIN	4017918933777
Weight per piece (including packing)	51.84 g
Weight per piece (excluding packing)	47.22 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Product properties

Product type	Relay socket
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### Electrical properties

Nominal voltage $U_N$	300 V AC/DC
Nominal current $I_N$	12 A

### Connection data

#### Input side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> 0.2 mm <sup>2</sup> ... 2.5 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> ... 2.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross-section AWG	26 ... 14 26 ... 14 (2 conductors with the same cross-section)

#### Output side

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> 0.2 mm <sup>2</sup> ... 2.5 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> ... 2.5 mm <sup>2</sup> (2 conductors with the same cross-section)
Conductor cross-section AWG	26 ... 14 26 ... 14 (2 conductors with the same cross-section)

### Dimensions

Width	16 mm
Height	78.5 mm
Depth Retaining bracket	71 mm (EL1-P16) 79 mm (EL1-P25)

### Material specifications

Color	green (RAL 6021)
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### Environmental and real-life conditions

#### Ambient conditions

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

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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## Classifications

### UNSPSC

UNSPSC 21.0	39122335
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## Environmental product compliance

### 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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