

# PLC-BSP- 5DC/21 - Relay base

2980238

<https://www.phoenixcontact.com/us/products/2980238>

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6.2 mm PLC basic terminal block with spring-cage connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 5 V DC

## Commercial data

Item number	2980238
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C461
Product key	DK6221
GTIN	4017918876715
Weight per piece (including packing)	25.96 g
Weight per piece (excluding packing)	25.69 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Relay socket
Product family	PLC-INTERFACE
Application	Universal
Operating mode	100% operating factor
Compatible components	Miniature relay, REL-MR-4,5DC/21AU, REL-MR-4,5DC/21

### Electrical properties

Protective circuit	Damping diode, polarity protection diode
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### Input data

Nominal input voltage $U_N$	5 V DC
Protective circuit	Freewheeling diode
Nominal input voltage $U_N$	5 V DC

### Output data

Compatible components	Miniature relay, REL-MR-4,5DC/21AU, REL-MR-4,5DC/21
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### Connection data

#### Input side

Connection method	Spring-cage connection
Stripping length	8 mm
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 14

#### Output side

Connection method	Spring-cage connection
Stripping length	8 mm
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 14

### Signaling

Status display	LED
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### Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

### Material specifications

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Color	green (RAL 6021)
Flammability rating according to UL 94 (Housing)	V0 (Housing)

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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