

# PVB10 - Feed-through terminal block



0870120

<https://www.phoenixcontact.com/us/products/0870120>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 30 A, number of connections: 20, number of positions: 1, connection method: Spade connection, 1 level, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## Commercial data

Item number	0870120
Packing unit	5 pc
Minimum order quantity	1 pc
Product key	BE511X
GTIN	4017918254902
Weight per piece (including packing)	94.51 g
Weight per piece (excluding packing)	94.51 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Feed-through terminal block
Number of positions	1
Number of connections	20
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	8 kV
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### Connection data

Number of connections per level	20
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#### 1 level

Connection method	Spade connection
Spade connection	6.3/2.8 x 0.8 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 10 (converted acc. to IEC)
Nominal current	30 A (current data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)
Maximum load current	30 A (current data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)
Nominal voltage	800 V (voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)

### Dimensions

Width	66.6 mm
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### Material specifications

Color	gray
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

### Mechanical properties

#### Mechanical data

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Open side panel	No
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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