

PVB 2 - Feed-through terminal block



0870023

<https://www.phoenixcontact.com/us/products/0870023>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 30 A, number of connections: 4, number of positions: 1, connection method: Spade connection, Rated cross section: 4 mm², 1 level, cross section: 0.5 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	0870023
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BE511X
GTIN	4017918241063
Weight per piece (including packing)	25.96 g
Weight per piece (excluding packing)	25.96 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	4
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	4
Nominal cross section	4 mm ²

1 level

Connection method	Spade connection
Spade connection	6.3/2.8 x 0.8 mm
Conductor cross-section rigid	0.5 mm ² ... 6 mm ²
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	20 ... 10 (converted acc. to IEC)
Nominal cross section	4 mm ²
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	17 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

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Mechanical data

Open side panel	No
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Mounting

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

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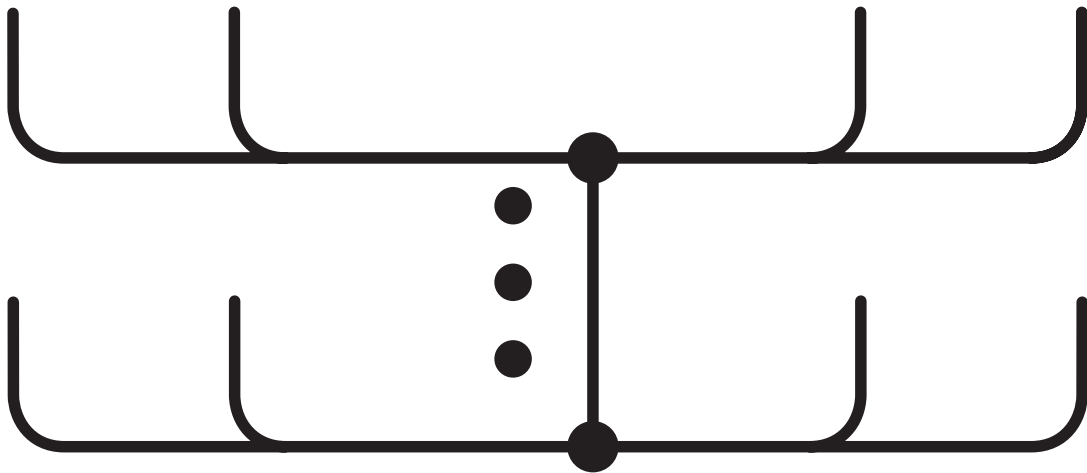


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Drawings

Circuit diagram



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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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