

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Feed-through terminal block, nom. voltage: 800 V, nominal current: 30 A, number of connections: 6, 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	0870036
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE05
Product key	BE511X
GTIN	4017918241070
Weight per piece (including packing)	34.8 g
Weight per piece (excluding packing)	34 g
Customs tariff number	85369010
Country of origin	PL

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

## Technical data

### Product properties

Product type	Feed-through terminal block
Product family	PVB
Number of positions	1
Number of connections	6
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0 W

### Connection data

Number of connections per level	6
---------------------------------	---

#### 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)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
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	23.2 mm
Height	80 mm
Depth on NS 35/7,5	43.5 mm
Depth on NS 35/15	51 mm

### Material specifications

Color	gray (RAL 7042)
-------	-----------------

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

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

## Mechanical properties

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

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

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0870036>



**EAC**

Approval ID: RU C-DE.BL08.B.00541

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

## Classifications

### ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

### ETIM

ETIM 10.0	EC000897
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# PVB 3 - Feed-through terminal block



0870036

<https://www.phoenixcontact.com/us/products/0870036>

## Environmental product compliance

### EU RoHS

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

### 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	0.169 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)