

VBST 4-FS/FS(8-2,8-0,8) - Feed-through terminal block



0851013

<https://www.phoenixcontact.com/us/products/0851013>

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: 24 A, 1 level, connection method: Spade connection, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	0851013
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BE05
Product key	BE511X
GTIN	4017918007973
Weight per piece (including packing)	8.003 g
Weight per piece (excluding packing)	8.003 g
Customs tariff number	85369010
Country of origin	PL

VBST 4-FS/FS(8-2,8-0,8) - Feed-through terminal block



0851013

<https://www.phoenixcontact.com/us/products/0851013>

Technical data

Product properties

Product type	Feed-through terminal block
Number of connections	8
Number of rows	2
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
---------------------	------

Connection data

Number of connections per level	8
Nominal cross section	2.5 mm ²

1 level

Connection method	Spade connection
Screw thread	M3
Spade connection	6.3/2.8 x 0.8 mm
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	2.5 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, rigid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal cross section	2.5 mm ²
Nominal current	24 A
Maximum load current	32 A (with 4 mm ² conductor cross-section)
Nominal voltage	800 V

Dimensions

Width	6.2 mm
End cover width	2.2 mm

VBST 4-FS/FS(8-2,8-0,8) - Feed-through terminal block



0851013

<https://www.phoenixcontact.com/us/products/0851013>

Material specifications

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

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °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 (storage/transport)	30 % ... 70 %

Mounting

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

VBST 4-FS/FS(8-2,8-0,8) - Feed-through terminal block



0851013

<https://www.phoenixcontact.com/us/products/0851013>

Classifications

UNSPSC

UNSPSC 21.0	39121410
-------------	----------

VBST 4-FS/FS(8-2,8-0,8) - Feed-through terminal block



0851013

<https://www.phoenixcontact.com/us/products/0851013>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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%
-------------------------------------	----------------------------

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