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

0851013

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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

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 mm²

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 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm² ... 2.5 mm²
Cross-section with insertion bridge, rigid	2.5 mm²
Cross-section with insertion bridge, flexible	2.5 mm²
2 conductors with same cross section, rigid	0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 1 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1.5 mm²
Nominal cross section	2.5 mm²
Nominal current	24 A
Maximum load current	32 A (with 4 mm² conductor cross-section)
Nominal voltage	800 V

Dimensions

Width	6.2 mm
End cover width	2.2 mm

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

Classifications

UNSPSC

UNSPSC 21.0	39121410

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%

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