UVKB 4-FS(6-2,8-0,8) - Feed-through terminal block

1954016

https://www.phoenixcontact.com/us/products/1954016

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 29 A, 1st level connection left, connection method: Screw connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 4 mm^2, connection method: Spade connection, mounting: NS 35/7,5, NS 35/15, NS 32, color: gray

Your advantages

- The slotted plugs enable one fully insulated or two bare 2.8 mm slip-on sleeves to be slid on in place of one 6.3 mm slip-on sleeve
- The housing panels only protrude slightly beyond the metal parts because it is assumed that fully-insulated slip-on sleeves are connected
- The front slip-on plug-in connection is the ideal wiring design for applications where space is limited and cable ducts need to be moved close to the terminal strip

Commercial data

Item number	1954016
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE05
Product key	BE511X
GTIN	4017918052560
Weight per piece (including packing)	12.778 g
Weight per piece (excluding packing)	12.778 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Feed-through terminal block
Product family	UVKB
Number of connections	4
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	4
Nominal cross section	4 mm²

1st level connection left

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
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 ... 4 mm²
Conductor cross-section, flexible [AWG]	24 ... 12 (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	4 mm²
Cross-section with insertion bridge, flexible	4 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 ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 2.5 mm²
Nominal cross section	4 mm²
Nominal current	29 A
Maximum load current	29 A (with 4 mm² conductor cross-section)
Nominal voltage	500 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.)
Connection method	Spade connection

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	68 mm
Depth on NS 32	49 mm
Depth on NS 35/7,5	44 mm
Depth on NS 35/15	51.5 mm

Material specifications

Color	gray (RAL 7042)
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

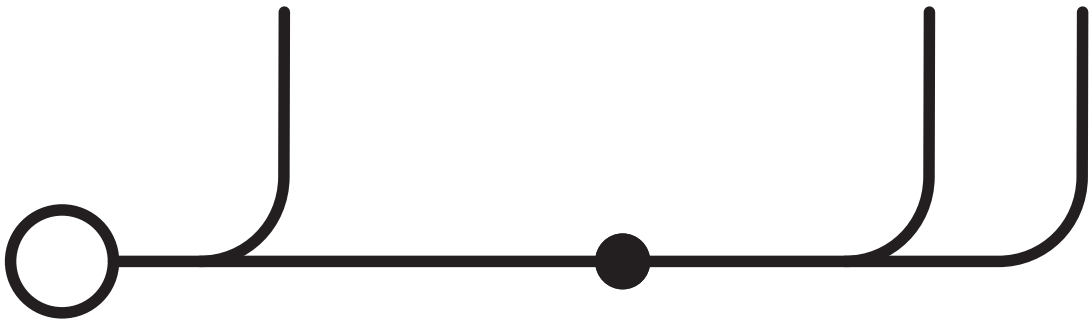
Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

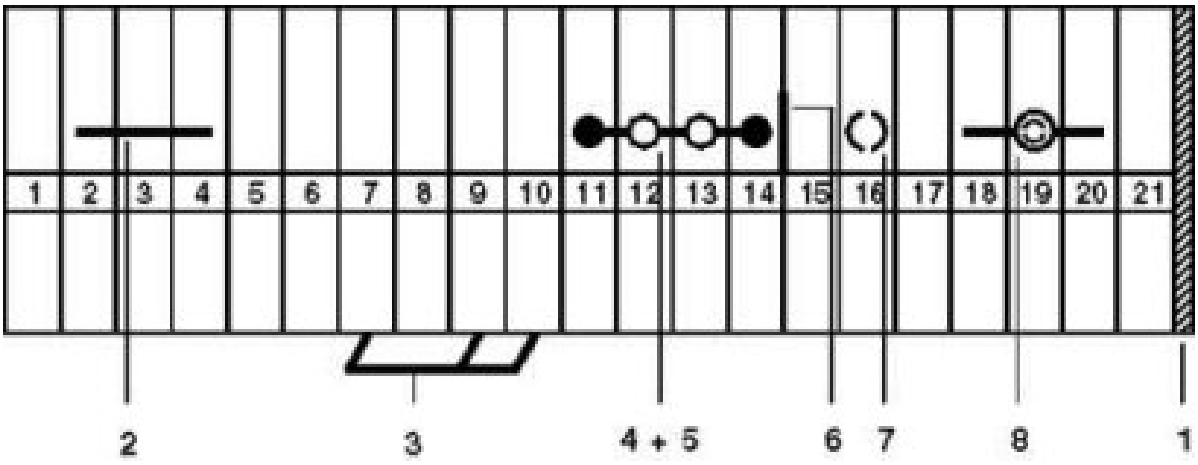
Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Circuit diagram



Circuit diagram



1 = cover
2 = fixed bridge
3 = insertion bridge
4 = isolator bridge bar
5 = bridge bar isolator
6 = separating plate
7 = partition plate
8 = test plug socket

Classifications

ECLASS

ECLASS-13.0	27250101

ETIM

ETIM 9.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

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.)	Lead(CAS: 7439-92-1)

EF3.1 Climate Change

CO2e kg	0.087 kg CO2e

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