

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



1953017

<https://www.phoenixcontact.com/us/products/1953017>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 8, connection method: Spade connection, Rated cross section: 4 mm², 1 level, cross section: 0.5 mm² - 6 mm², mounting type: NS 32, NS 35/7,5, NS 35/15, 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	1953017
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE05
Product key	BE511X
GTIN	4017918052508
Weight per piece (including packing)	11.24 g
Weight per piece (excluding packing)	10.99 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Feed-through terminal block
Product family	UVKB
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
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	8
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)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 6 mm ²
Nominal current	32 A (dependent on the slip-on connection sleeve)
Maximum load current	32 A (dependent on the slip-on connection sleeve)
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.)
Nominal cross section	4 mm ²

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

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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
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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 32
	NS 35/7,5
	NS 35/15

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Drawings

Circuit diagram



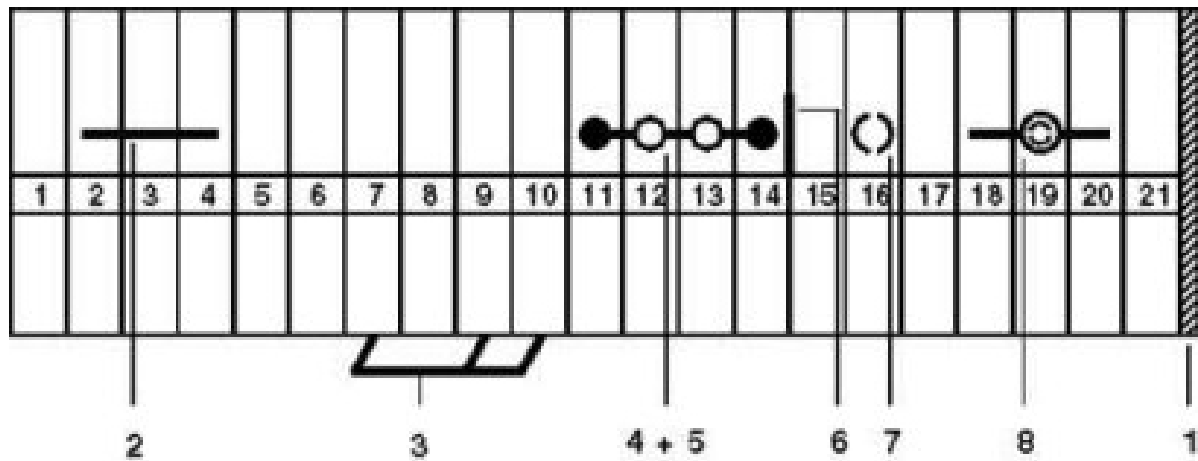
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Circuit diagram



- 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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1953017>

C	UL Recognized Approval ID: E60425			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	300 V	25 A	-	-

EAC Approval ID: RU C-DE.BL08.B.00541	
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C	UL Recognized Approval ID: E60425			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	300 V	25 A	-	-

DNV Approval ID: TAE00001CT	
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Classifications

ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

ETIM

ETIM 9.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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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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