

SK 5 - Shield connection terminal block



3025338

<https://www.phoenixcontact.com/pc/products/3025338>

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Shield connection clamp, for shield on busbars, contact resistance < 1 mΩ

Your advantages

- Easy handling
- Spring-loaded, large-surface pressure plate
- Suitable for direct and busbar mounting
- Knurled screw
- As components, it is not possible to certify shield connections in accordance with the requirements of the directive and standards for electrical equipment in potentially explosive areas. As such, shield connection clamps can be used in the Ex area even without an appropriate approval or marking.

Commercial data

Item number	3025338
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	BE7512
GTIN	4046356051835
Weight per piece (including packing)	13 g
Weight per piece (excluding packing)	13.22 g
Customs tariff number	85369010
Country of origin	CN

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Technical data

Notes

General

Note	The shield connection clamps must not be used for strain relief of cables/conductors.
	Do not use for protective conductor connection.

Product properties

Product type	Shield connection clamp
Pitch	9 mm
Number of connections	1
Number of rows	1

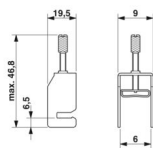
Electrical properties

Maximum power dissipation for nominal condition	0 W
Contact resistance	< 0.001 Ω

Connection data

Grounding foot	Yes
Connection method	Screw connection
Screw thread	M4
Tightening torque	... 0.4 Nm

Dimensions

Dimensional drawing	
Width	9 mm
Height	19.5 mm
Depth	46.8 mm
Pitch	9 mm

External dimensions

Outside diameter	2 mm ... 5 mm
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Material specifications

Color	silver-colored
Material	Steel

Cable/line

External cable diameter	2 mm ... 5 mm
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Mechanical properties

Mechanical data

Open side panel	No
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Mechanical tests

Mechanical strength

Result	Test passed
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Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Long life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.02 \text{ g}^2/\text{Hz}$
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

Mounting

Mounting type	Neutral busbar
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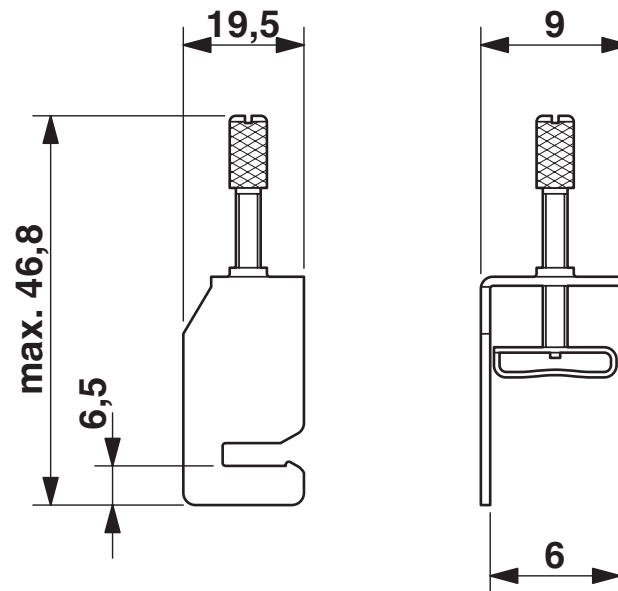
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Drawings

Dimensional drawing

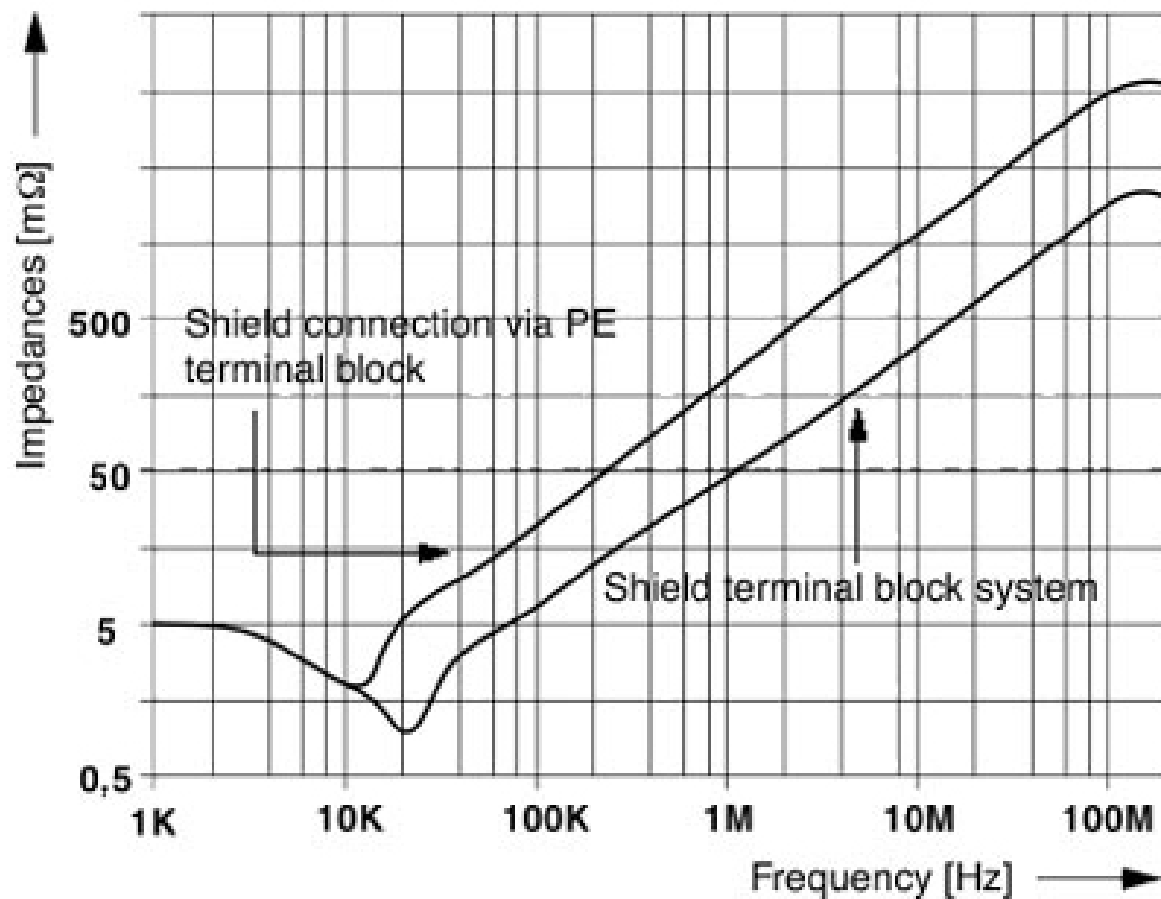


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Diagram



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Classifications

ECLASS

ECLASS-13.0	27250309
ECLASS-15.0	27250309

ETIM

ETIM 10.0	EC002020
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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
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	0.148 kg CO2e

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Accessories

i Note: Applying some accessories below might limit this product.

NLS-CU 3/10 SN 1000MM - Neutral busbar

0402174

<https://www.phoenixcontact.com/pc/products/0402174>



Neutral busbar, DIN VDE 0611-4: 1991-02, color: silver-colored

i Max. current carrying capacity: 140 A

AK 4 - Connection terminal block

0404017

<https://www.phoenixcontact.com/pc/products/0404017>



Connection terminal block, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.5 mm² - 6 mm², mounting: Neutral busbar, color: silver

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AKG 4 GNYE - Connection terminal block

0421029

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Connection terminal block, nom. voltage: 300 V, nominal current: 41 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.5 mm² - 6 mm², mounting: Neutral busbar, color: green-yellow

AKG 4 BK - Connection terminal block

0421032

<https://www.phoenixcontact.com/pc/products/0421032>



Connection terminal block, nom. voltage: 300 V, nominal current: 41 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.5 mm² - 6 mm², mounting: Neutral busbar, color: black

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AB-SK TOP - Support bracket

3062090

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AB-SK TOP INSULATED - Support bracket

3062074

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AB-SK - Support bracket

3025341

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Support bracket for busbars



AB-SK 65 - Support bracket

3026489

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AB-SKS 60 - Support bracket

3240223

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Support bracket for busbars



AB-SK-D TOP - Support bracket

3062100

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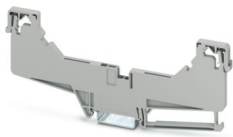
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AB-SK-D TOP INSULATED - Support bracket

3062087

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AB-SK 65-D - Support bracket

3026900

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AB-SK 65-D INSULATED - Support bracket

3040889

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AB/SS - Support bracket

0404428

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Support bracket made from insulation material, with retaining screw, can be used with either 3 x 10 mm or 6 x 6 mm busbar, color: gray

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AB/SS-M - Support bracket

3025888

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Support bracket, with contact to the mounting panel, with retaining screw, can be used for busbar 3 x 10 mm, color: gray

AB/SKS - Support bracket

3240224

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Support bracket for busbars

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AB-SK/E - Support bracket

3026476

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AB-SK/E-NS 35 - Support bracket

3213111

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SZF 1-0,6X3,5 - Screwdriver

1204517

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Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com