

# SK 14 VPE 300 - Shield connection terminal block



3027941

<https://www.phoenixcontact.com/in/products/3027941>

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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	3027941
Packing unit	300 pc
Minimum order quantity	300 pc
Sales key	BE7
Product key	BE7512
GTIN	4046356285667
Weight per piece (including packing)	20.733 g
Weight per piece (excluding packing)	20 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Shield connection clamp
Pitch	17 mm
Number of connections	1
Number of rows	1

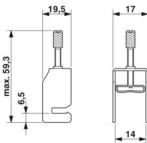
### Electrical properties

Maximum power dissipation for nominal condition	1.02 W
Contact resistance	< 0.001 $\Omega$

### Connection data

Screw thread	M4
Tightening torque	0.8 ... 0.8 Nm

### Dimensions

Dimensional drawing	
Width	17 mm
Height	19.5 mm
Depth	59.3 mm
Pitch	17 mm

### External dimensions

Outside diameter	3 mm ... 14 mm
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### Material specifications

Color	silver-colored
Material	Steel

### Cable/line

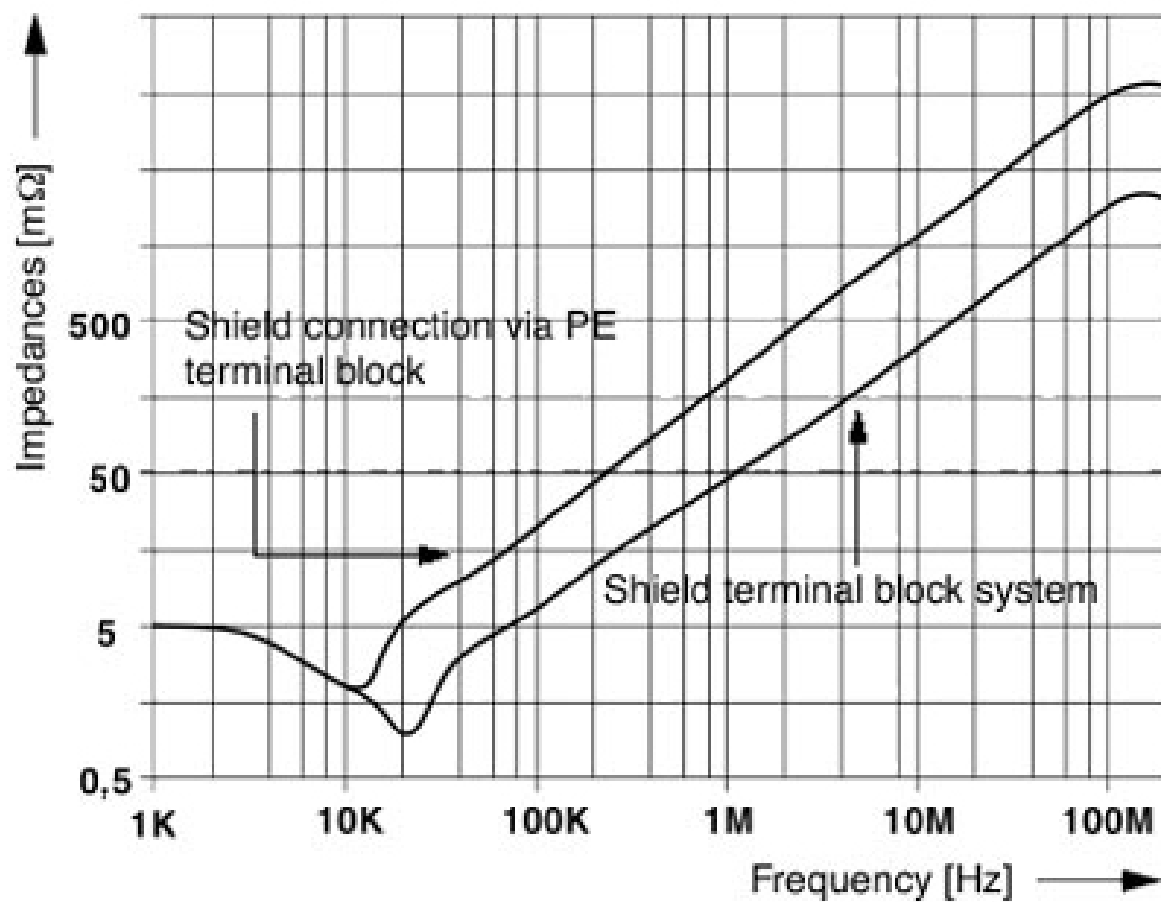
External cable diameter	3 mm ... 14 mm
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### Mounting

Mounting type	direct screw connection
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## Drawings

### Diagram



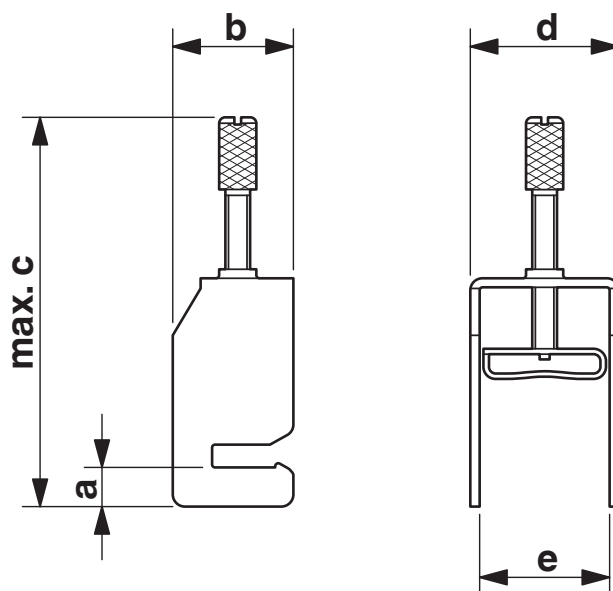
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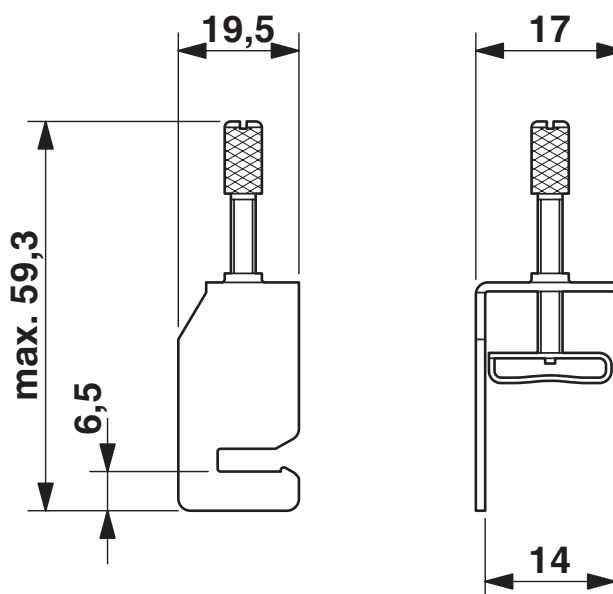
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Dimensional drawing



Dimensional drawing



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## Classifications

### ECLASS

ECLASS-11.0	27141150
ECLASS-12.0	27141150
ECLASS-13.0	27250309

### ETIM

ETIM 9.0	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%

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## Accessories



Note: Applying some accessories below might limit this product.

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

0402174

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



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



Max. current carrying capacity: 140 A

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### AK 4 - Connection terminal block

0404017

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



Connection terminal block, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: silver

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## AKG 4 GNYE - Connection terminal block

0421029

<https://www.phoenixcontact.com/in/products/0421029>



Connection terminal block, nom. voltage: 300 V, nominal current: 41 A, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: green-yellow

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## AKG 4 BK - Connection terminal block

0421032

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



Connection terminal block, nom. voltage: 300 V, nominal current: 41 A, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: black



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## AB-SK TOP - Support bracket

3062090

<https://www.phoenixcontact.com/in/products/3062090>

Support bracket, Bracket for busbars, set every 20 cm, width: 5.2 mm, height: 102.4 mm, number of positions: 1, color: gray, mounting type: DIN rail mounting



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## AB-SK TOP INSULATED - Support bracket

3062074

<https://www.phoenixcontact.com/in/products/3062074>

Support bracket, Bracket for busbars, set every 20 cm, width: 5.2 mm, height: 102.4 mm, number of positions: 2, color: gray, mounting type: DIN rail mounting



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## AB-SK - Support bracket

3025341

<https://www.phoenixcontact.com/in/products/3025341>

Support bracket for busbars



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## AB-SK 65 - Support bracket

3026489

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Support bracket, Bracket for busbars, set every 20 cm, width: 6.2 mm, height: 95.5 mm, number of positions: 1, color: gray, mounting type: DIN rail mounting



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## AB-SKS 60 - Support bracket

3240223

<https://www.phoenixcontact.com/in/products/3240223>

Support bracket for busbars



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## AB-SK-D TOP - Support bracket

3062100

<https://www.phoenixcontact.com/in/products/3062100>

Support bracket, Bracket for busbars, set every 20 cm, width: 5.2 mm, height: 155.8 mm, number of positions: 2, color: gray, mounting type: DIN rail mounting



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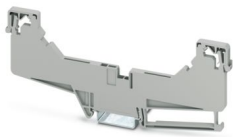
<https://www.phoenixcontact.com/in/products/3027941>

## AB-SK-D TOP INSULATED - Support bracket

3062087

<https://www.phoenixcontact.com/in/products/3062087>

Support bracket, Bracket for busbars, set every 20 cm, width: 5.2 mm, height: 155.8 mm, number of positions: 2, color: gray, mounting type: DIN rail mounting



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## AB-SK 65-D - Support bracket

3026900

<https://www.phoenixcontact.com/in/products/3026900>

Support bracket, Bracket for busbars, set every 20 cm, width: 8.2 mm, height: 150 mm, number of positions: 2, color: gray, mounting type: DIN rail mounting



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## AB-SK 65-D INSULATED - Support bracket

3040889

<https://www.phoenixcontact.com/in/products/3040889>

Support bracket, Bracket for busbars, set every 20 cm, width: 8.2 mm, height: 150 mm, number of positions: 2, color: gray, mounting type: DIN rail mounting



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## AB/SS - Support bracket

0404428

<https://www.phoenixcontact.com/in/products/0404428>

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 made from insulation material, with retaining screw, can be used for 3 x 10 mm busbar, color: gray

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## AB/SKS - Support bracket

3240224

<https://www.phoenixcontact.com/in/products/3240224>



Support bracket for busbars

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## AB-SK/E - Support bracket

3026476

<https://www.phoenixcontact.com/in/products/3026476>

Support bracket, Bracket for busbars, set every 20 cm, depth: 20 mm, width: 56 mm, height: 10 mm, diameter: 4.5 mm, number of positions: 2, color: silver, mounting type: Direct mounting



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## AB-SK/E-NS 35 - Support bracket

3213111

<https://www.phoenixcontact.com/in/products/3213111>

Support bracket, Bracket for busbars, set every 20 cm, depth: 33.7 mm, width: 56 mm, height: 50 mm, number of positions: 2, color: silver, mounting type: DIN rail mounting



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## SZF 1-0,6X3,5 - Screwdriver

1204517

<https://www.phoenixcontact.com/in/products/1204517>



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 (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)