

# SK 28-D - Shield connection terminal block



3027006

<https://www.phoenixcontact.com/us/products/3027006>

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Shield connection terminal block, for direct shield on conductive mounting panels, sheet thickness 1 mm ... 2 mm

## 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	3027006
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE75
Product key	BE7511
GTIN	4046356284325
Weight per piece (including packing)	39.01 g
Weight per piece (excluding packing)	1.12 g
Customs tariff number	85369010
Country of origin	CN

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## Technical data

### Product properties

Product type	Shield connection clamp
Pitch	31 mm
Number of connections	1
Number of rows	1

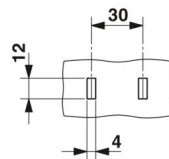
### Electrical properties

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

### Connection data

Connection method	Spring-cage connection
Screw thread	M4
Tightening torque	... 1 Nm

### Dimensions

Dimensional drawing	
Width	31 mm
Height	20 mm
Depth	92 mm
Pitch	31 mm

### External dimensions

Outside diameter	5 mm ... 28 mm
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### Material specifications

Color	silver-colored
Material	Steel

### Cable/line

External cable diameter	5 mm ... 28 mm
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### Mechanical properties

#### Mechanical data

Open side panel	No
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### Mechanical tests

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## 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	0.02g <sup>2</sup> /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	direct screw connection
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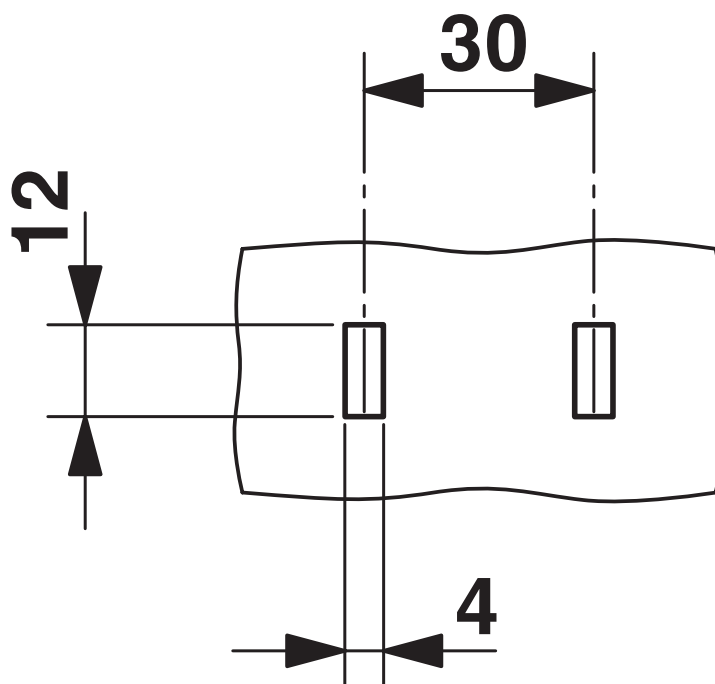
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

ECLASS-13.0	27250309
ECLASS-15.0	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
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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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