

SK 14 - Shield connection terminal block



3025176
<https://www.phoenixcontact.com/us/products/3025176>

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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 | 3025176 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE75 |
| Product key | BE7512 |
| GTIN | 4017918130305 |
| Weight per piece (including packing) | 20.5 g |
| Weight per piece (excluding packing) | 20.313 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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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 | 17 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

| | |
|-------------------|------------------|
| Connection method | Screw connection |
| 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 |
|------------------|----------------|

Material specifications

| | |
|----------|----------------|
| Color | silver-colored |
| Material | Steel |

Cable/line

| | |
|-------------------------|----------------|
| External cable diameter | 3 mm ... 14 mm |
|-------------------------|----------------|

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Mechanical properties

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

Mounting

| | |
|---------------|----------------|
| Mounting type | Neutral busbar |
|---------------|----------------|

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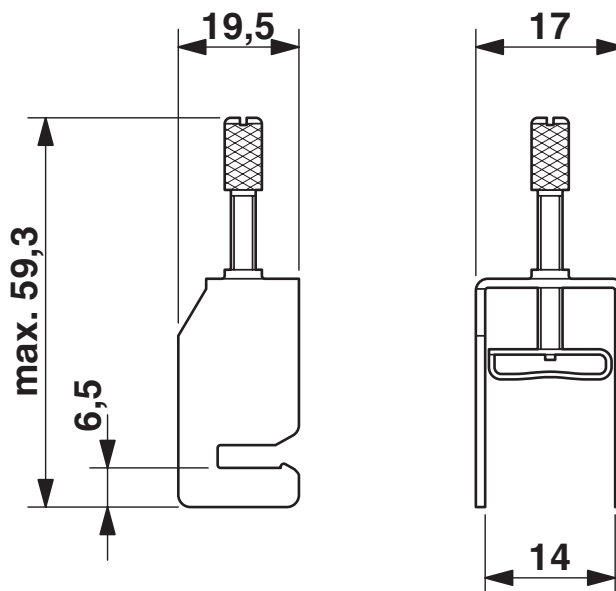
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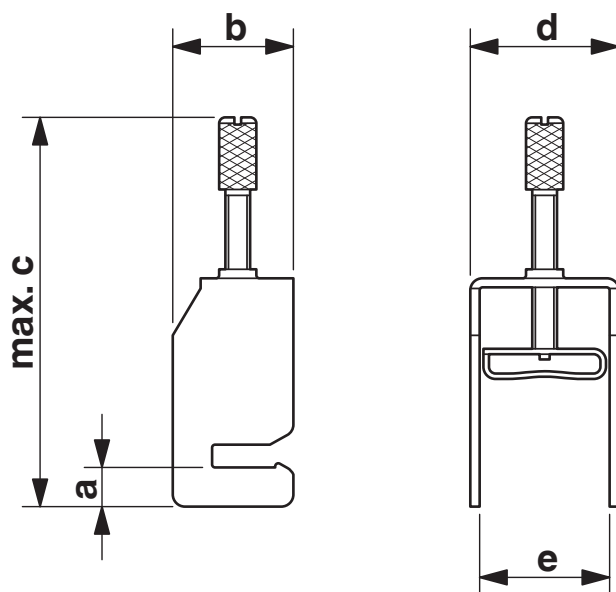


Drawings

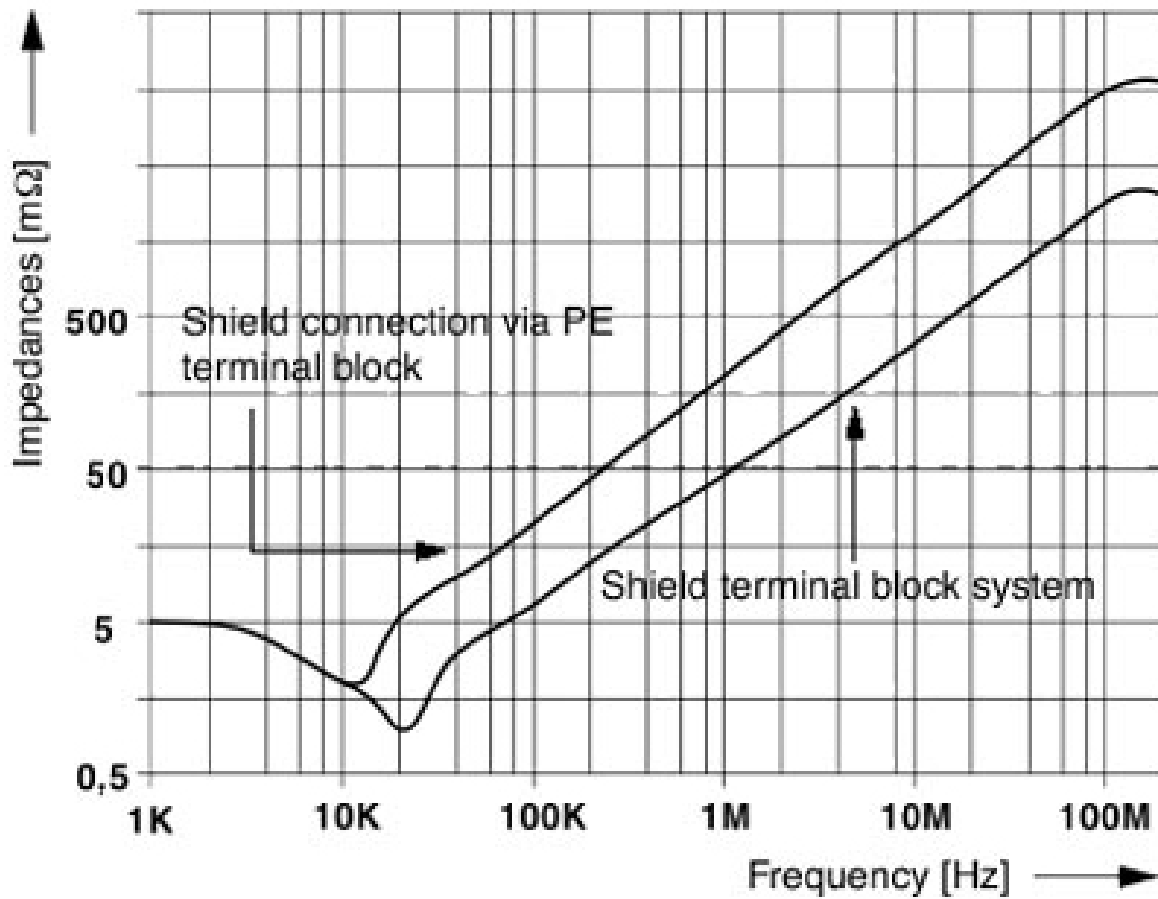
Dimensional drawing



Dimensional drawing



Diagram



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250309 |
| ECLASS-15.0 | 27250309 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002020 |
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UNSPSC

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| 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% |
| EF3.0 Climate Change | |
| CO2e kg | 0.072 kg CO2e |

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