

# SK 8-D - Shield connection terminal block



3026861

<https://www.phoenixcontact.com/us/products/3026861>

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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                          | 3026861       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BE75          |
| Product key                          | BE7511        |
| GTIN                                 | 4017918820251 |
| Weight per piece (including packing) | 13.438 g      |
| Weight per piece (excluding packing) | 13.25 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                 | 12 mm                   |
| Number of connections | 1                       |
| Number of rows        | 1                       |

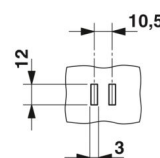
### Electrical properties

|   |        |
|---|--------|
| Maximum power dissipation for nominal condition | 0.77 W |
|---|--------|

### Connection data

|                   |                        |
|-------------------|------------------------|
| Grounding foot    | Yes                    |
| Connection method | Spring-cage connection |
| Screw thread      | M4                     |
| Tightening torque | 0.6 ... 0.6 Nm         |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 12 mm  |
| Height              | 19.5 mm  |
| Depth               | 47.2 mm  |
| Pitch               | 12 mm  |

#### External dimensions

|                  |               |
|------------------|---------------|
| Outside diameter | 3 mm ... 8 mm |
|------------------|---------------|

### Material specifications

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

### Cable/line

|                         |               |
|-------------------------|---------------|
| External cable diameter | 3 mm ... 8 mm |
|-------------------------|---------------|

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## Mechanical properties

### Mechanical data

Open side panel

No

## Mounting

Mounting type

direct screw connection

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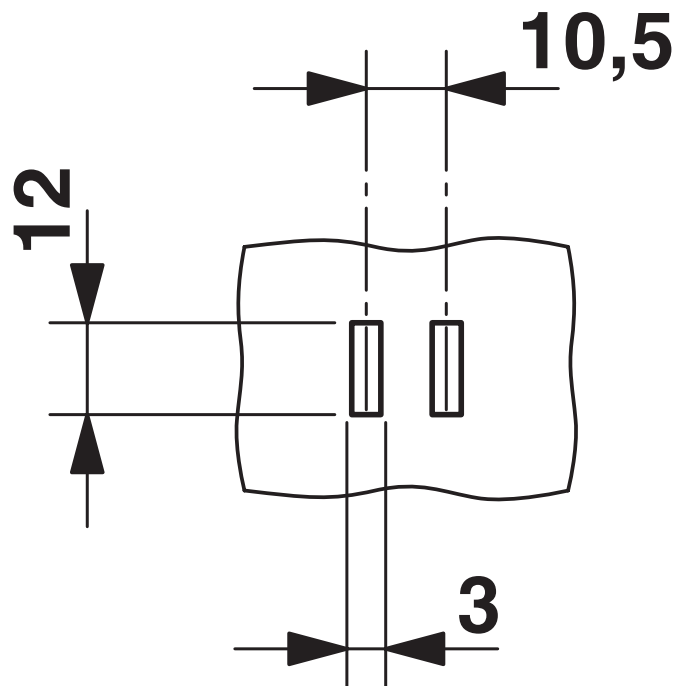
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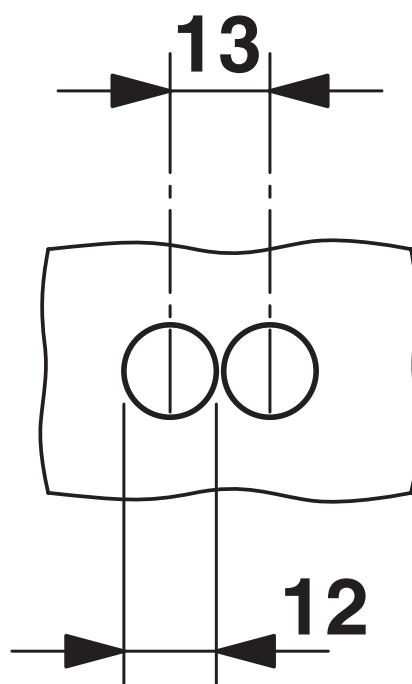
## Drawings

Dimensional drawing



Punching template

Dimensional drawing



Drilling diagram

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002020 |
|-----------|----------|

### 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 | 0.044 kg CO2e |
|---------|---------------|

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