

# SK 20-D VPE 100/1 - Shield connection terminal block



1083004

<https://www.phoenixcontact.com/us/products/1083004>

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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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1083004       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 100 pc        |
| Product key                          | BE7511        |
| GTIN                                 | 4055626817170 |
| Weight per piece (including packing) | 31.07 g       |
| Weight per piece (excluding packing) | 31.07 g       |
| 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                 | 24 mm                   |
| Number of connections | 1                       |
| Number of rows        | 1                       |

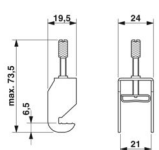
### Electrical properties

|                                                 |     |
|-------------------------------------------------|-----|
| Maximum power dissipation for nominal condition | 0 W |
|-------------------------------------------------|-----|

### Connection data

|                   |                  |
|-------------------|------------------|
| Grounding foot    | Yes              |
| Connection method | Screw connection |
| Screw thread      | M4               |
| Tightening torque | ... 0.8 Nm       |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 24 mm                                                                                |
| Height              | 19.5 mm                                                                              |
| Depth               | 73.5 mm                                                                              |
| Pitch               | 24 mm                                                                                |

### Material specifications

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

### Cable/line

|                         |                |
|-------------------------|----------------|
| External cable diameter | 3 mm ... 20 mm |
|-------------------------|----------------|

### Mechanical properties

#### Mechanical data

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Open side panel

No

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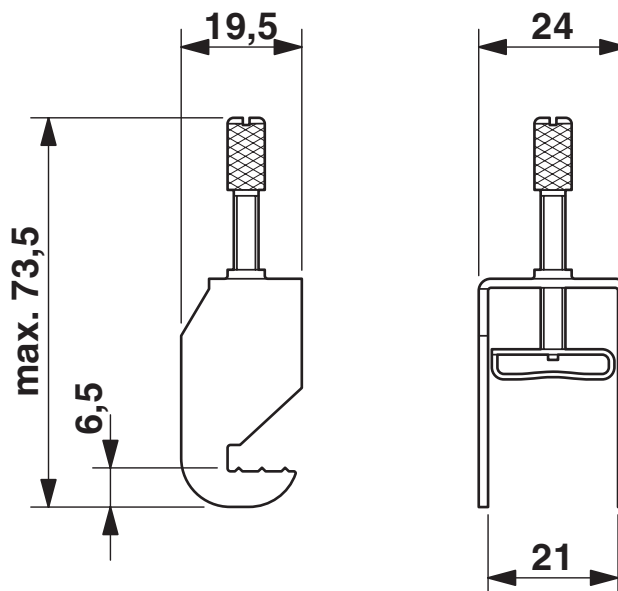


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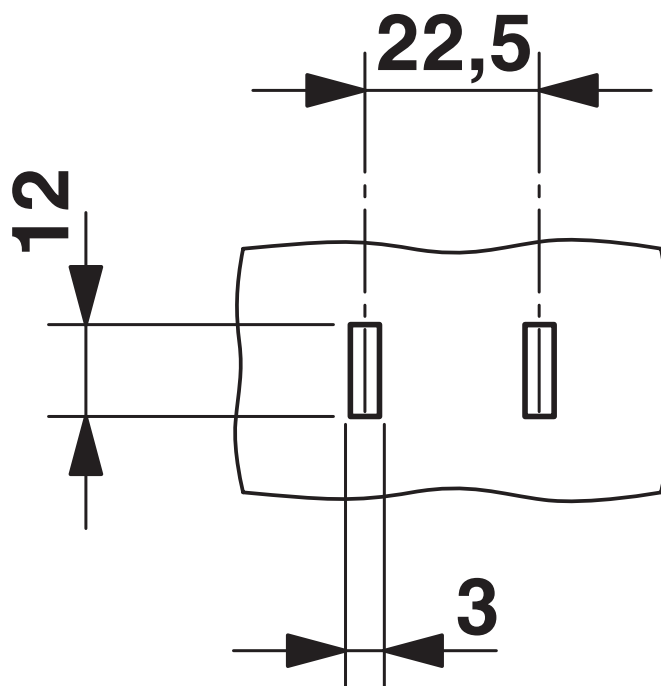
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## Drawings

Dimensional drawing



Dimensional drawing

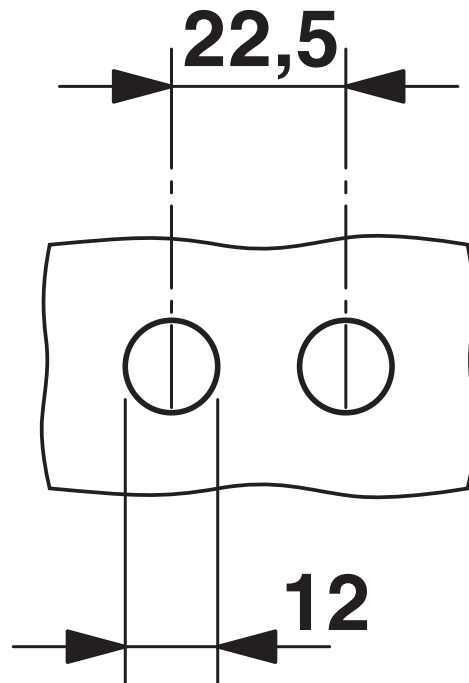


Punching template

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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 | 0.106 kg CO2e |
|---------|---------------|

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