

# SD-F/SC/GY - Socket

2963828

<https://www.phoenixcontact.com/us/products/2963828>



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Control cabinet socket, for mounting on DIN rails and in the service interface, housing color: gray, with screw connection, national version: France/Belgium, housing width 45 mm

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2963828                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BE76                           |
| Product key                          | BE7612                         |
| Catalog page                         | Page 541 (C-5-2015)            |
| GTIN                                 | 4017918606169                  |
| Weight per piece (including packing) | 79.88 g                        |
| Weight per piece (excluding packing) | 62.796 g                       |
| Customs tariff number                | 85366990                       |
| Country of origin                    | GR                             |

## Technical data

### Product properties

|                             |        |
|-----------------------------|--------|
| Product type                | Socket |
| For country-specific use in | F      |

### Electrical properties

|                       |          |
|-----------------------|----------|
| Nominal voltage $U_N$ | 250 V AC |
| Nominal current $I_N$ | 16 A     |

### Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm                                        |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Cross section AWG                | 24 ... 12                                   |
| Screw thread                     | M3                                          |

### Signaling

|                |    |
|----------------|----|
| Status display | no |
|----------------|----|

### Dimensions

|        |         |
|--------|---------|
| Width  | 45 mm   |
| Height | 75 mm   |
| Depth  | 70.5 mm |

### Material specifications

|                     |        |
|---------------------|--------|
| Color               | gray   |
| Insulating material | PA     |
| Contact material    | CuZn37 |

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 60 °C |

### Standards and regulations

#### Standards

|                       |             |
|-----------------------|-------------|
| Standards/regulations | IEC 83      |
|                       | DIN 49440-1 |

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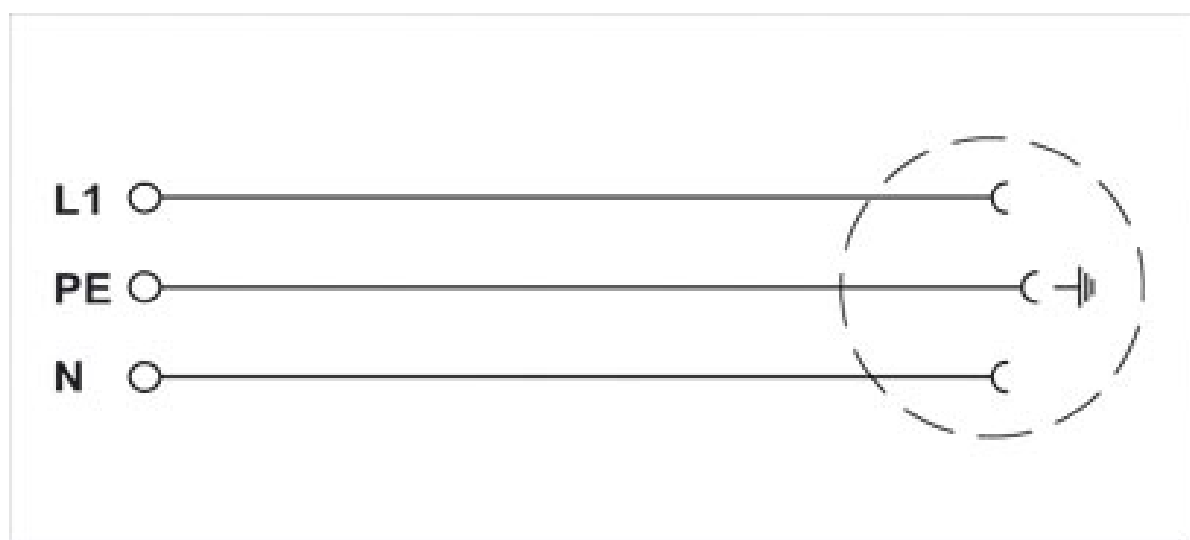
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## Drawings

### Circuit diagram



Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 6(c)                                                                                                                                                                                                                              |
| China RoHS                              |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP)  | EFUP-50                                                                                                                                                                                                                           |
|                                         | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
| EU REACH SVHC                           |                                                                                                                                                                                                                                   |
| REACH candidate substance (CAS No.)     | Lead(CAS: 7439-92-1)                                                                                                                                                                                                              |