

# BES 6 - Component connector

2802549

<https://www.phoenixcontact.com/us/products/2802549>



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Component connector, pitch: 6 mm, number of positions: 1, color: gray, mounting type: Plug-in mounting

## Your advantages

- Is supplied as a set with two plug sockets

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2802549       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE19          |
| Product key                          | BE1Z3X        |
| GTIN                                 | 4017918074463 |
| Weight per piece (including packing) | 7.24 g        |
| Weight per piece (excluding packing) | 7.2 g         |
| Customs tariff number                | 85366990      |
| Country of origin                    | PL            |

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## Technical data

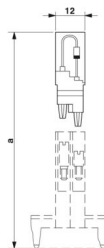
### Product properties

|                     |                               |
|---------------------|-------------------------------|
| Product type        | Component plug terminal block |
| Number of positions | 1                             |
| Pitch               | 6 mm                          |

### Connection data

|                   |                |
|-------------------|----------------|
| Tightening torque | 0.5 ... 0.6 Nm |
|-------------------|----------------|

### Dimensions

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Pitch               | 6 mm                                                                                |

### Material specifications

|                                        |                 |
|----------------------------------------|-----------------|
| Color                                  | gray (RAL 7042) |
| Flammability rating according to UL 94 | V2              |
| Insulating material                    | PA              |

### Environmental and real-life conditions

#### Ambient conditions

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| Ambient temperature (operation)          | -60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)       |
| Ambient temperature (storage/transport)  | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly)           | -5 °C ... 70 °C                                                           |
| Ambient temperature (actuation)          | -5 °C ... 70 °C                                                           |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                             |

### Mounting

|               |                  |
|---------------|------------------|
| Mounting type | Plug-in mounting |
|---------------|------------------|

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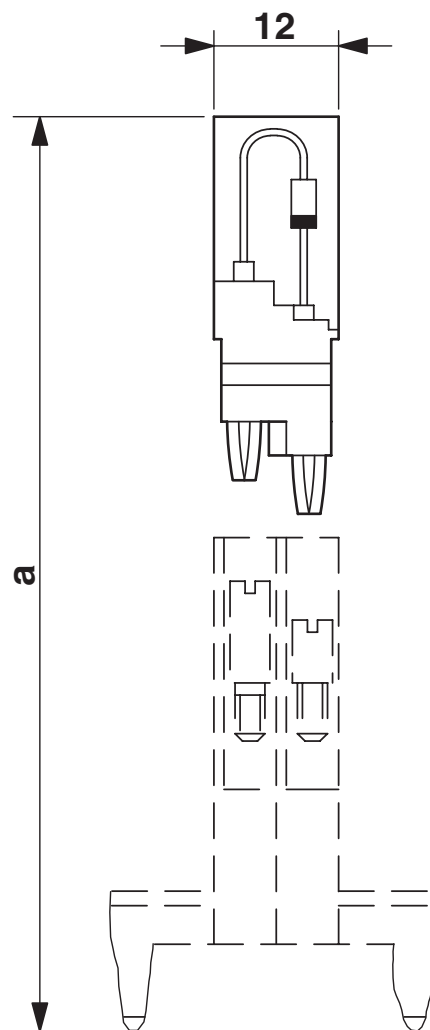
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## Drawings

Dimensional drawing



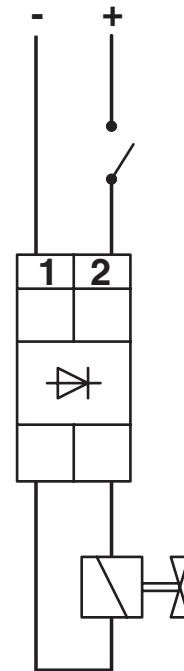
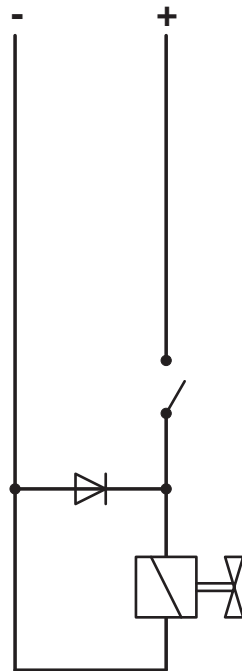
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Circuit diagram



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27250305 |
| ECLASS-15.0 | 27250305 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002018 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121600 |
|-------------|----------|

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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% |
|-------------------------------------|----------------------------|

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