

# SB-MER 2-8 - Bridge bar

3000587

<https://www.phoenixcontact.com/us/products/3000587>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Bridge bar, pitch: 8.2 mm, number of positions: 2, nominal current: 25 A, length: 25 mm, color: gray/orange

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3000587       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BE19          |
| Product key                          | BE1Z2X        |
| GTIN                                 | 4046356725538 |
| Weight per piece (including packing) | 11 g          |
| Weight per piece (excluding packing) | 11 g          |
| Customs tariff number                | 85366990      |
| Country of origin                    | CN            |

# SB-MER 2-8 - Bridge bar



3000587

<https://www.phoenixcontact.com/us/products/3000587>

## Technical data

### Product properties

|                     |            |
|---------------------|------------|
| Product type        | Bridge bar |
| Number of positions | 2          |
| Pitch               | 8.2 mm     |
| Potentials          | 1          |

### Electrical properties

|                      |                                                                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum load current | 25 A (The current values for the jumpers can deviate when used in different modular terminal blocks. The precise values can be found in the accessories data for the respective modular terminal blocks.) |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Connection data

|                      |                                                                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum load current | 25 A (The current values for the jumpers can deviate when used in different modular terminal blocks. The precise values can be found in the accessories data for the respective modular terminal blocks.) |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Dimensions

|        |          |
|--------|----------|
| Width  | 16.4 mm  |
| Height | 24.7 mm  |
| Depth  | 47.42 mm |
| Length | 24.7 mm  |
| Pitch  | 8.2 mm   |

### Material specifications

|                     |                      |
|---------------------|----------------------|
| Color               | multicolored (RAL -) |
|                     | gray (RAL 7042)      |
|                     | orange (RAL 2003)    |
| Material            | Copper               |
| Insulating material | PA                   |

### Environmental and real-life conditions

#### Ambient conditions

|                                          |                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)          | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)         | 20 % ... 90 %                                                                                                                |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                                                                                |

### Mounting

# SB-MER 2-8 - Bridge bar

3000587

<https://www.phoenixcontact.com/us/products/3000587>



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

# SB-MER 2-8 - Bridge bar



3000587

<https://www.phoenixcontact.com/us/products/3000587>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27250303 |
| ECLASS-15.0 | 27250303 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000489 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# SB-MER 2-8 - Bridge bar



3000587  
<https://www.phoenixcontact.com/us/products/3000587>

## 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%               |

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)