# FBS 2-16 - Plug-in bridge

3005963

https://www.phoenixcontact.com/us/products/3005963

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Plug-in bridge, pitch: 16 mm, number of positions: 2, nominal current: 101 A, length: 44 mm, color: red

## Your advantages

- The 2- to 50-pos. jumpers can bridge up to 50 terminal blocks in the two bridge shafts of the CLIPLINE complete system in one step

## Commercial data

| | |
|---|---|
| Item number | 3005963 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BE29 |
| Product key | BE2Z2X |
| GTIN | 4017918168735 |
| Weight per piece (including packing) | 20.3 g |
| Weight per piece (excluding packing) | 19.675 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Plug-in bridge |
| Number of positions | 2 |
| Pitch | 16 mm |

### Electrical properties

| | |
|---|---|
| Maximum load current | 101 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 | 101 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 | 25.9 mm |
| Height | 43.7 mm |
| Depth | 6 mm |
| Length | 43.7 mm |
| Pitch | 16 mm |

### Material specifications

| | |
|---|---|
| Color | red (RAL 3001) |
| Material | Copper |
| Flammability rating according to UL 94 | V0 |
| 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

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

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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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