










| General ordering data | |
|---|---|
| Order No. | 1527860000 |
| Part designation | BLZ 5.08/16 SN OR |
| Version | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box |
| EAN | 4008190104252 |
| Qty. | 30 pc(s). |

| System parameters | |
|---|---|
| Conductor connection system | Clamping yoke connection |
| Outgoing direction of conductor | 180° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 16 |
| No. of rows | 1 |
| Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 |
| Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.5 Nm |
| Clamping screw | M 2.5 |
| Stripping length | 7 mm |
| L1 in mm | 76.2 mm |
| L1 in inch | 3 inch |
| Electric shock protection to DIN VDE 0470 | IP 20 |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch |

| Material data | |
|---|---|
| Insulating material | PBT |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |

| Material data | |
|---|---|
| Contact base material | Copper alloy |
| Contact surface | tinned |

| Connectable conductors | |
|---|---|
| Clamping range, min. | 0.13 mm² |
| Clamping range, max. | 3.31 mm² |
| AWG, min. | 26 |
| AWG, max. | 12 |
| Solid, min. H05(07) V-U | 0.2 mm² |
| Solid, max. H05(07) V-U | 2.5 mm² |
| Flexible, min. H05(07) V-K | 0.2 mm² |
| Flexible, max. H05(07) V-K | 2.5 mm² |
| With wire end ferrule, acc. to DIN 46 228/1, min. | 0.2 mm² |
| With wire end ferrule, acc. to DIN 46 228/1, max. | 2.5 mm² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm² |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 2.5 mm² |
| Gauge to EN 60999 a x b; ø | 2.8 mm x 2.0 mm; 2.4 mm |

| DIN IEC rating data | |
|---|---|
| Rated current, min. No. pins (Tu=20°C) | 19 A |
| Rated current, max. No. pins (Tu=20°C) | 14.5 A |
| Rated current, min. No. pins(Tu=40°C) | 16 A |
| Rated current, max. No. pins (Tu=40°C) | 12.5 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Short-time withstand current resistance | 3 x 1s with 120 A |

| CSA rating data | |
|---|---|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor (field wiring), min. | 26 |
| AWG conductor (field wiring), max. | 12 |

| UL 1059 rating data | |
|---|---|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor, min. | 26 |
| AWG conductor, max. | 12 |

## Approvals

Approvals institutes

## Classifications

| | |
|---|---|
| ETIM 2.0 | NK |
| ETIM 3.0 | EC001284 |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |

**Similar products**

| Order No. | Part designation | Version |
|---|---|---|
| 1526560000 | BLZ 5.08/3 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1526660000 | BLZ 5.08/4 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1526460000 | BLZ 5.08/2 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1526510000 | BLZ 5.08/3 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1526610000 | BLZ 5.08/4 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1526760000 | BLZ 5.08/5 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1526710000 | BLZ 5.08/5 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1526410000 | BLZ 5.08/2 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box |

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|---|---|---|
| 1526860000 | BLZ 5.08/6 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1526810000 | BLZ 5.08/6 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1526960000 | BLZ 5.08/7 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1526910000 | BLZ 5.08/7 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1527060000 | BLZ 5.08/8 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1527010000 | BLZ 5.08/8 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1527160000 | BLZ 5.08/9 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1527110000 | BLZ 5.08/9 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1527260000 | BLZ 5.08/10 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box |
| 1527210000 | BLZ 5.08/10 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box |
| 1527360000 | BLZ 5.08/11 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box |
| 1527310000 | BLZ 5.08/11 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box |
| 1527460000 | BLZ 5.08/12 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| 1527410000 | BLZ 5.08/12 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| 1527560000 | BLZ 5.08/13 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box |
| 1527510000 | BLZ 5.08/13 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box |
| 1527660000 | BLZ 5.08/14 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box |

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| 1527610000 | BLZ 5.08/14 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box |
| 1527760000 | BLZ 5.08/15 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box |
| 1527710000 | BLZ 5.08/15 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box |
| 1527810000 | BLZ 5.08/16 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box |
| 1527960000 | BLZ 5.08/17 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box |
| 1527910000 | BLZ 5.08/17 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box |
| 1528060000 | BLZ 5.08/18 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box |
| 1528010000 | BLZ 5.08/18 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box |
| 1528160000 | BLZ 5.08/19 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box |
| 1528110000 | BLZ 5.08/19 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box |
| 1528260000 | BLZ 5.08/20 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box |
| 1528210000 | BLZ 5.08/20 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box |
| 1528360000 | BLZ 5.08/21 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box |
| 1528310000 | BLZ 5.08/21 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box |
| 1528460000 | BLZ 5.08/22 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box |
| 1528410000 | BLZ 5.08/22 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box |
| 1528560000 | BLZ 5.08/23 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box |

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|---|---|---|
| 1528510000 | BLZ 5.08/23 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box |
| 1528660000 | BLZ 5.08/24 SN OR | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box |
| 1528610000 | BLZ 5.08/24 SN SW | PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.31 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box |

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