



CSA rating data

| | |
|---------------------------------------|-------|
| Rated voltage, user group D | 300 V |
| Rated (nominal) current, user group D | 10 A |
| AWG conductor, max. (CSA) | 12 |
| AWG conductor, min. (CSA) | 26 |

Connectable conductors

| | |
|---|-------------------------|
| Clamping range, min. | 0,13 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 2,5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0,2 mm ² |
| Wire end ferrule , DIN 46 228/1, min. | 0,2 mm ² |
| Wire end ferrule , DIN 46 228/1, max. | 2,5 mm ² |
| Gauge to EN 60999 a x b; ø | 2.8 mm x 2.0 mm; 2.4 mm |
| Clamping range, max. | 3,31 mm ² |
| fine-stranded, min. H05(07) V-U | 0,2 |
| fine-stranded, max. H05(07) V-U | 2,5 mm ² |
| Solid, min. H05(07) V-U | 0,2 mm ² |
| Solid, max. H05(07) V-U | 2,5 mm ² |
| AWG, min. | 26 |
| AWG, max. | 12 |

DIN IEC rating data

| | |
|--|-------------------|
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated current, max. No. pins (Tu=40°C) | 12,5 A |
| Rated current, min. No. pins (Tu=40°C) | 16 A |
| 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 |
| Short-time withstand current resistance | 3 x 1s with 120 A |
| Rated current, min. No. pins (Tu=20°C) | 19 A |
| Rated current, max. No. pins (Tu=20°C) | 14,5 A |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |

System parameters

| | |
|---|--------------------------|
| Pitch in inch | 0,200 inch |
| Stripping length | 7 mm |
| No. of rows | 1 |
| Tightening torque, max. | 0,5 Nm |
| Tightening torque, min. | 0,4 Nm |
| Electric shock protection to DIN VDE 0470 | IP 20 |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch |
| Volume resistance | 4,5 mΩ |
| Clamping screw | M 2.5 |
| Outgoing direction of conductor | 180° |
| Conductor connection system | Clamping yoke connection |
| Pitch | 5,08 mm |
| Type of screwdriver | SD 0.6 x 3.5 - DIN 5264 |
| L1 in inch | 2,800 inch |
| L1 in mm | 71,12 mm |
| Number of poles | 15 |

UL 1059 rating data

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

material data

| | |
|----------------------------|----------|
| UL 94 combustibility class | V-0 |
| Contact surface | tinned |
| Contact base material | Cu alloy |
| Insulating material group | IIIa |
| Insulation material | PBT |
| CTI | >= 200 |
| Colour | orange |

Approvals

| | |
|--|-------|
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |

Approvals

Approvals



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | NK |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |

General ordering data

| | |
|-------------------------|-------------------|
| Order No. | 1527760000 |
| Short text for material | BLZ 5.08/15 SN OR |
| EAN | 4008190065782 |

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228 pt 1
- Wire end ferrule with plastic collar to DIN 46228 pt 4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Related products

| Order No. | Short text for material | Number of poles |
|------------|-------------------------|-----------------|
| 1526460000 | BLZ 5.08/2 SN OR | 2 |
| 1526410000 | BLZ 5.08/2 SN SW | 2 |
| 1526560000 | BLZ 5.08/3 SN OR | 3 |
| 1526510000 | BLZ 5.08/3 SN SW | 3 |
| 1526660000 | BLZ 5.08/4 SN OR | 4 |
| 1526610000 | BLZ 5.08/4 SN SW | 4 |
| 1526760000 | BLZ 5.08/5 SN OR | 5 |
| 1526710000 | BLZ 5.08/5 SN SW | 5 |
| 1526860000 | BLZ 5.08/6 SN OR | 6 |
| 1526810000 | BLZ 5.08/6 SN SW | 6 |
| 1526960000 | BLZ 5.08/7 SN OR | 7 |
| 1526910000 | BLZ 5.08/7 SN SW | 7 |
| 1527060000 | BLZ 5.08/8 SN OR | 8 |
| 1527010000 | BLZ 5.08/8 SN SW | 8 |
| 1527160000 | BLZ 5.08/9 SN OR | 9 |
| 1527110000 | BLZ 5.08/9 SN SW | 9 |
| 1527260000 | BLZ 5.08/10 SN OR | 10 |
| 1527210000 | BLZ 5.08/10 SN SW | 10 |
| 1527360000 | BLZ 5.08/11 SN OR | 11 |
| 1527310000 | BLZ 5.08/11 SN SW | 11 |
| 1527460000 | BLZ 5.08/12 SN OR | 12 |
| 1527410000 | BLZ 5.08/12 SN SW | 12 |
| 1527560000 | BLZ 5.08/13 SN OR | 13 |

| | | |
|------------|-------------------|----|
| 1527510000 | BLZ 5.08/13 SN SW | 13 |
| 1527660000 | BLZ 5.08/14 SN OR | 14 |
| 1527610000 | BLZ 5.08/14 SN SW | 14 |
| 1527710000 | BLZ 5.08/15 SN SW | 15 |
| 1527860000 | BLZ 5.08/16 SN OR | 16 |
| 1527810000 | BLZ 5.08/16 SN SW | 16 |
| 1527960000 | BLZ 5.08/17 SN OR | 17 |
| 1527910000 | BLZ 5.08/17 SN SW | 17 |
| 1528060000 | BLZ 5.08/18 SN OR | 18 |
| 1528010000 | BLZ 5.08/18 SN SW | 18 |
| 1528160000 | BLZ 5.08/19 SN OR | 19 |
| 1528110000 | BLZ 5.08/19 SN SW | 19 |
| 1528260000 | BLZ 5.08/20 SN OR | 20 |
| 1528210000 | BLZ 5.08/20 SN SW | 20 |
| 1528360000 | BLZ 5.08/21 SN OR | 21 |
| 1528310000 | BLZ 5.08/21 SN SW | 21 |
| 1528460000 | BLZ 5.08/22 SN OR | 22 |
| 1528410000 | BLZ 5.08/22 SN SW | 22 |
| 1528560000 | BLZ 5.08/23 SN OR | 23 |
| 1528510000 | BLZ 5.08/23 SN SW | 23 |
| 1528660000 | BLZ 5.08/24 SN OR | 24 |
| 1528610000 | BLZ 5.08/24 SN SW | 24 |