

Excellent Integrated System Limited

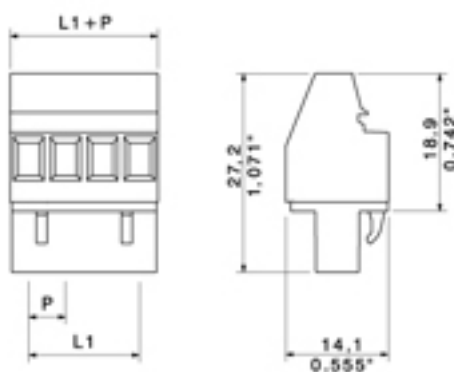
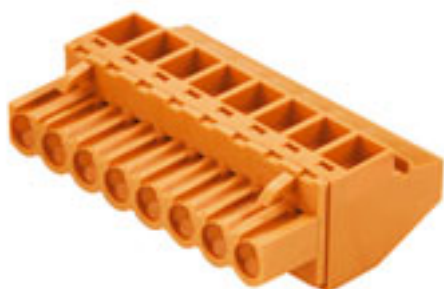
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sales@integrated-circuit.com

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) | Socket connectors, tension clamp connection, pitch 5.00/5.08 | BLZP 5.00-5.08/90/270 | BLZP 5.08/90 SN


General ordering data

| | |
|------------------|--|
| Order No. | 1948000000 |
| Part designation | BLZP 5.08/02/90 SN OR BX |
| Version | PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 2, 90°, Box |
| EAN | 4032248624225 |
| Qty. | 180 pc(s). |
| Packaging | Box |

System parameters

| | |
|---|--------------------------|
| Conductor connection system | Clamping yoke connection |
| Outgoing direction of conductor | 90° |
| Pitch in mm | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 2 |
| 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 | 5.08 mm |
| L1 in inch | 0.2 inch |
| Electric shock protection to DIN VDE 57 106 | Safe from finger touch |

Material data

| | |
|--------------------------|--------------|
| Insulating material | PBT |
| Colour | Orange |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| Contact material | Copper alloy |
| Contact surface | tinned |

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Connectable conductors

| | |
|---|----------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 4 mm ² |
| Conductor connection cross-section AWG, min. | AWG 26 |
| Conductor connection cross-section AWG, max. | AWG 12 |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.2 mm ² |
| with wire end ferrule, DIN 46228 pt 1, max. | 4 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm ² |
| with plastic collar ferrule, DIN 46228 pt 4, max. | 2.5 mm ² |
| Gauge to EN 60999 a x b; ø | 2.8 mm x 2.4 mm |

DIN IEC rating data

| | |
|--|-------------------|
| Rated current, min. No. of poles (Tu=20°C) | 15.5 A |
| Rated current, max. No. of poles (Tu=20°C) | 13 A |
| Rated current, no. of poles (Tu=40°C), min. | 12 A |
| Rated current, no. of poles (Tu=40°C), max. | 10.5 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 at overvoltage category/pollution degree 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 V |
| Short-time withstand current resistance | 3 x 1s with 120 A |

CSA rating data

| | |
|-------------------------------|--------|
| Rated voltage (Use group B) | 300 V |
| Rated current (use group B) | 10 A |
| Rated voltage (Use group C) | 50 V |
| Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A |
| Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 |

UL 1059 rating data

| | |
|-------------------------------|--------|
| Rated voltage (use group B) | 300 V |
| Rated current (use group B) | 10 A |
| Rated voltage (use group C) | 50 V |
| Rated voltage | 300 V |
| Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 |

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Classifications

eClass 6.0

27-26-07-08

Notes

Notes

Similar products

| Order No. | Part designation | Version |
|-----------|------------------|---------|
|-----------|------------------|---------|