

**System pitch 5.08 mm (0.200 inch)
SL-SMT 5.08/02/90G 3.2SN BK BX**

Weidmüller Interface GmbH & Co. KG
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High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| | |
|------------------|--|
| Order No. | 1780180000 |
| Part designation | SL-SMT 5.08/02/90G 3.2SN BK BX |
| Version | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box |
| GTIN (EAN) | 4032248165506 |
| Qty. | 100 pc(s). |
| Packaging | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Technical data

System parameters

| | | | |
|--------------------------------|--------------------------|-------------------|----------|
| Fitted to PCB | Reflow solder connection | Outgoing elbow | 90° |
| Pitch in mm | 5.08 mm | Pitch in inch | 0.2 inch |
| No. of poles | 2 | Solder pin length | 3.2 mm |
| Can be coded | Yes | No. of rows | 1 |
| Number of solder pins per pole | 1 | L1 in mm | 5.08 mm |
| L1 in inch | 0.2 inch | | |

Material data

| | | | |
|--|--------|--|--------|
| Insulating material | LCP GF | Colour | black |
| Insulating material group | IIIa | Flammability class UL 94 | V-0 |
| Contact material | CuSn | Contact surface | tinned |
| Highest continuous operating temperature, min. | -25 °C | Highest continuous operating temperature, max. | 100 °C |
| Max. relative humidity during storage | 80 % | | |

DIN IEC rating data

| | | | |
|--|-------|--|------|
| Rated current, min. No. of poles (Tu=20°C) | 19 A | Rated current, max. No. of poles (Tu=20°C) | 15 A |
| Rated current, no. of poles (Tu=40°C), min. | 16 A | Rated current, no. of poles (Tu=40°C), max. | 13 A |
| Rated voltage at overvoltage category/pollution degree III/3 | 250 V | Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V | Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V | Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |

CSA rating data

| | | | |
|-----------------------------|-------|-----------------------------|------|
| Rated voltage (Use group B) | 300 V | Rated current (use group B) | 15 A |
| Rated voltage (use group D) | 300 V | Rated current (use group D) | 10 A |

UL 1059 rating data

| | | | |
|-----------------------------|-------|-----------------------------|------|
| Rated voltage (use group B) | 300 V | Rated current (use group B) | 15 A |
| Rated voltage (use group D) | 300 V | Rated current (use group D) | 10 A |

Approvals

| | |
|----------------------|-------------------------|
| Approvals institutes | CSA; GOSTME25; UR; ROHS |
|----------------------|-------------------------|

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | eClass 5.1 | 27-26-07-04 |
| eClass 6.0 | 27-26-07-04 | | |

Datasheet

System pitch 5.08 mm (0.200 inch)
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Technical data**Notes**

Notes

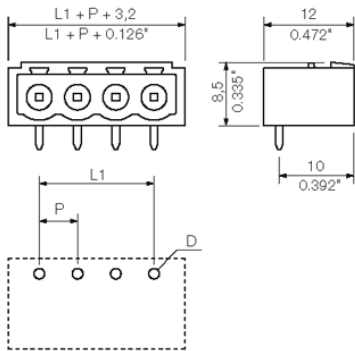
- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Diameter of solder eyelet $D = 1.4 \pm 0.1$ mm
- Diameter of solder eyelet $D = 1.5 \pm 0.1$ mm from 9-pole
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Datasheet

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Drawings



System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.08/225 SN



Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| 1946250000 | BLZP 5.08/02/225 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248621828 | 180 pc(s). | Box |
| 1946560000 | BLZP 5.08/02/225 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248622337 | 180 pc(s). | Box |

BLZP 5.08/180 SN



Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

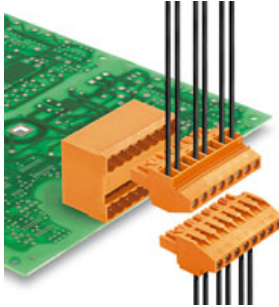
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| 1943810000 | BLZP 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248617821 | 100 pc(s). | Box |
| 1943580000 | BLZP 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248617562 | 100 pc(s). | Box |

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Counterpart

BLZP 5.00/270 SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1958870000 | BLZP 5.00/02/270 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248637706 | 180 pc(s). | Box |
| 1959100000 | BLZP 5.00/02/270 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248638031 | 180 pc(s). | Box |

BLF 5.08/90 SN



Just as reliable as the tried-and-true original, with innovation in detail:

The BLF 5.0x – the PUSH-IN version of the BLZ 5.0x socket block – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|--|---------------|------------|-----------|
| 1001530000 | BLF 5.08/02/90 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248693337 | 180 pc(s). | Box |
| 1000030001 | BLF 5.08/02/90 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248689965 | 180 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.00/270



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1637580000 | BLZ 5.00/02/270 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190274825 | 180 pc(s). | Box |
| 1637810000 | BLZ 5.00/02/270 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190275051 | 180 pc(s). | Box |

BLL 5.08/180



Female connector for PCB mounting. The solder pin length is optimised for wave flow soldering. Packed in cardboard box.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| 1630710000 | BLL 5.08/02/180 3.2SN OR BX | PCB plug-in connector, female header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190204136 | 100 pc(s). | Box |

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Counterpart

BLZF 5.08/180



Female connectors for connecting conductors with tension clamp system, straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1707690000 | BLZF 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190316693 | 180 pc(s). | Box |
| 1707460000 | BLZF 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190389628 | 180 pc(s). | Box |

BLF 5.00/90 SN



Just as reliable as the tried-and-true original, with innovation in detail:

The BLF 5.0x – the PUSH-IN version of the BLZ 5.0x socket block – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|--|---------------|------------|-----------|
| 1979270000 | BLF 5.00/02/90 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248674442 | 180 pc(s). | Box |
| 1980170000 | BLF 5.00/02/90 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248675258 | 180 pc(s). | Box |

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Counterpart

BLIDC 5.08



Female connectors for conductor connection with IDC system. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.35 - 0.75 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| 1724940000 | BLIDC 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, IDC terminal, Clamping range, max.: 0.75 mm ² , Box | 4008190377281 | 100 pc(s). | Box |

BLZP 5.00/90 SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

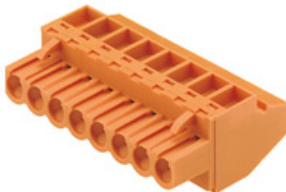
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1958300000 | BLZP 5.00/02/90 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248637164 | 180 pc(s). | Box |
| 1958650000 | BLZP 5.00/02/90 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248637386 | 180 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.00/90



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|---|---------------|------------|-----------|
| 1635940000 | BLZ 5.00/02/90 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190265854 | 180 pc(s). | Box |
| 1636890000 | BLZ 5.00/02/90 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190274139 | 180 pc(s). | Box |

BLZF 5.08/90



Female connectors for connecting conductors with tension clamp system. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|---|---------------|------------|-----------|
| 1671020000 | BLZF 5.08/02/90 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190432690 | 180 pc(s). | Box |
| 1670790000 | BLZF 5.08/02/90 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190432393 | 180 pc(s). | Box |

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Counterpart
BL 5.00


Female connectors for conductor connection in leaf spring system. Packed in cardboard box. The female connectors provide space for labelling. Packed in cardboard box.

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|--|---------------|------------|-----------|
| 1762770000 | BL 5.00/02/180 SN GY BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Box | 4032248048687 | 100 pc(s). | Box |
| 1723110000 | BL 5.00/02/180 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Box | 4032248002511 | 100 pc(s). | Box |
| 1730700000 | BL 5.00/02/180 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Box | 4008190387334 | 100 pc(s). | Box |

BLZP 5.00/180 SN


Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| 1955570000 | BLZP 5.00/02/180 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248634064 | 100 pc(s). | Box |
| 1954490000 | BLZP 5.00/02/180 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke | 4032248633203 | 100 pc(s). | Box |

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Counterpart

connection, Clamping range,
 max.: 4 mm², Box

BLIDC 5.08B



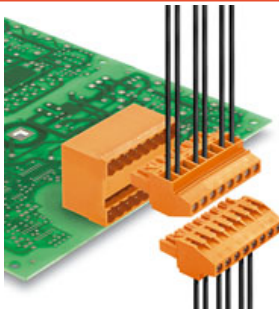
Female connectors for conductor connection with IDC system. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.35 - 0.75 mm² (IEC) / 22 - 20 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 5 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|------------|-----------|
| 1759610000 | BLIDC 5.08/02/180B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, IDC terminal, Clamping range, max.: 0.75 mm ² , Box | 4032248069842 | 100 pc(s). | Box |
| 1759500000 | BLIDC 5.08/02/180B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, IDC terminal, Clamping range, max.: 0.75 mm ² , Box | 4032248069736 | 100 pc(s). | Box |

BLZP 5.08/270 SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| 1949020000 | BLZP 5.08/02/270 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248626472 | 180 pc(s). | Box |
| 1948790000 | BLZP 5.08/02/270 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248626243 | 180 pc(s). | Box |

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Counterpart

BLZFS 5.00/180



Female connectors for connecting conductors with tension clamp system, straight 180° outlet direction in thin-element design. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| 1696370000 | BLZFS 5.00/02/180 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190878399 | 100 pc(s). | Box |
| 1696600000 | BLZFS 5.00/02/180 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190878627 | 100 pc(s). | Box |

BL 5.08



Female connectors for conductor connection in leaf spring system. Packed in cardboard box. The female connectors provide space for labelling. Packed in cardboard box.

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1716470000 | BL 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Box | 4008190376512 | 100 pc(s). | Box |
| 1716320000 | BL 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Leaf spring connection, Clamping range, max.: 2.08 mm ² , Box | 4008190376345 | 100 pc(s). | Box |
| 1723830000 | BL 5.08/02/180 SN DKGX BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Leaf spring connection, | 4008190376192 | 100 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

Clamping range, max.: 2.08
mm², Box

BLZ 5.00/180



Female connectors with clamping yoke screw connection for conductor connection with straight outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1571350000 | BLZ 5.00/02/180 SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190172534 | 100 pc(s). | Box |
| 1625610000 | BLZ 5.00/02/180 SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190196912 | 100 pc(s). | Box |

BLT 5.08



Female connectors with TOP screw system for connecting conductors with straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|---|---------------|------------|-----------|
| 1499510000 | BLT 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box | 4008190861704 | 180 pc(s). | Box |
| 1499560000 | BLT 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, | 4008190060640 | 180 pc(s). | Box |

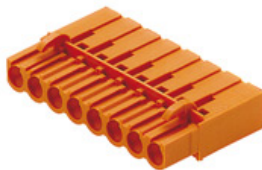
System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

Clamping range, max.: 2.5
mm², Box

BLC 5.08R



Female connectors for conductor connection with crimp connection system. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.25 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|------------------------|---|---------------|------------|-----------|
| 1610490000 | BLC 5.08/02/180R OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Crimp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190057114 | 100 pc(s). | Box |
| 1711960000 | BLC 5.08/02/180R BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Crimp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190934972 | 100 pc(s). | Box |

BLZ 5.08/180



Female connectors with clamping yoke screw connection for conductor connection with straight outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1526460000 | BLZ 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190155834 | 100 pc(s). | Box |
| 1526410000 | BLZ 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke | 4008190025038 | 100 pc(s). | Box |

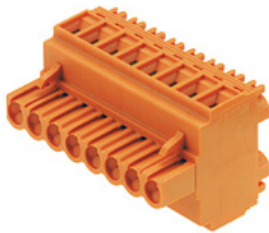
System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

connection, Clamping range,
 max.: 3.31 mm², Box

BLDT 5.08



Female connectors with two clamping yoke screw connections per pole for conductor connection with 90° & 270° outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|--|---------------|------------|-----------|
| 1660710000 | BLDT 5.08/02/- SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°/270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190417161 | 100 pc(s). | Box |
| 1644730000 | BLDT 5.08/02/- SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°/270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190283940 | 100 pc(s). | Box |

BLZ 5.08/90



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|---|---------------|------------|-----------|
| 1552760000 | BLZ 5.08/02/90 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190151256 | 180 pc(s). | Box |
| 1552710000 | BLZ 5.08/02/90 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, | 4008190267704 | 180 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

Clamping range, max.: 3.31
 mm², Box

BLL 5.08/90



Female connector for PCB mounting. The solder pin length is optimised for wave flow soldering. Packed in cardboard box.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| 1622940000 | BLL 5.08/02/90 3.2SN OR BX | PCB plug-in connector, female header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190194000 | 100 pc(s). | Box |

BLZ 5.08/225



Female connectors with clamping yoke screw connection for conductor connection with 225° outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1741870000 | BLZ 5.08/02/225 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190248727 | 180 pc(s). | Box |
| 1741640000 | BLZ 5.08/02/225 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190206147 | 180 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/270



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1557310000 | BLZ 5.08/02/270 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190269425 | 180 pc(s). | Box |
| 1557360000 | BLZ 5.08/02/270 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190118167 | 180 pc(s). | Box |

BLZF 5.08/270



Female connectors for connecting conductors with tension clamp system. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1672170000 | BLZF 5.08/02/270 SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190433888 | 180 pc(s). | Box |
| 1671940000 | BLZF 5.08/02/270 SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190433659 | 180 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.08/270F SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|-----------|-----------|
| 1950310000 | BLZP 5.08/02/270F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248628421 | 90 pc(s). | Box |
| 1950550000 | BLZP 5.08/02/270F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248628674 | 90 pc(s). | Box |

BLZP 5.08/180F SN



Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

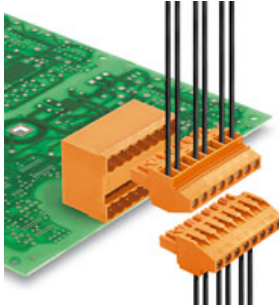
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| 1944090000 | BLZP 5.08/02/180F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248617470 | 100 pc(s). | Box |
| 1944330000 | BLZP 5.08/02/180F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248618903 | 100 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.00/270F SN



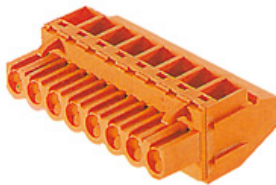
Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|-----------|-----------|
| 1960460000 | BLZP 5.00/02/270F SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248639328 | 90 pc(s). | Box |
| 1960730000 | BLZP 5.00/02/270F SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248639724 | 90 pc(s). | Box |

BLZ 5.00/90B



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|---|---------------|------------|-----------|
| 1637120000 | BLZ 5.00/02/90B SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190274368 | 150 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/180LH



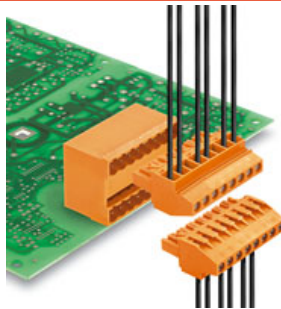
Socket connectors with clamping yoke screw connection for conductor connection with 270° outlet direction and release lever or release latch mechanism. The female connectors provide space for labelling and can be coded. Packed in cardboard box.br/>

- 0.20–1.5 mm² (IEC) / 26–12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| 1893600000 | BLZ 5.08/02/180LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248507788 | 100 pc(s). | Box |
| 1892190000 | BLZ 5.08/02/180LH SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248505517 | 100 pc(s). | Box |

BLZP 5.08/90F SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|-----------|-----------|
| 1949800000 | BLZP 5.08/02/90F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248627721 | 90 pc(s). | Box |
| 1950040000 | BLZP 5.08/02/90F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248627974 | 90 pc(s). | Box |

**System pitch 5.08 mm (0.200 inch)
SL-SMT 5.08/02/90G 3.2SN BK BX**

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Counterpart
BLZP 5.00/180F SN


Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| 1956030000 | BLZP 5.00/02/180F SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248634606 | 100 pc(s). | Box |
| 1955800000 | BLZP 5.00/02/180F SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248634347 | 100 pc(s). | Box |

BLZP 5.00/270LH SN


Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| 1961670000 | BLZP 5.00/02/270LH SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248640942 | 90 pc(s). | Box |
| 1961440000 | BLZP 5.00/02/270LH SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248640713 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/180F



Female connectors with clamping yoke screw connection for conductor connection with straight outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1803040000 | BLZ 5.08/02/180F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248258147 | 100 pc(s). | Box |
| 1802830000 | BLZ 5.08/02/180F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248257676 | 100 pc(s). | Box |

BLT 5.08F



Female connectors with TOP screw system for connecting conductors with straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|-----------|-----------|
| 1843990000 | BLT 5.08/02/180F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box | 4032248355914 | 90 pc(s). | Box |
| 1844220000 | BLT 5.08/02/180F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box | 4032248356140 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLL 5.08/90FI



Female connector for PCB mounting. The solder pin length is optimised for wave flow soldering. Packed in cardboard box.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|------------------------------|--|---------------|------------|-----------|
| 1843750000 | BLL 5.08/02/90FI 3.2SN OR BX | PCB plug-in connector, female header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4032248355501 | 100 pc(s). | Box |

BLF 5.08/90LH SN



Just as reliable as the tried-and-true original, with innovation in detail:

The BLF 5.0x – the PUSH-IN version of the BLZ 5.0x socket block – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|-----------|-----------|
| 1002480000 | BLF 5.08/02/90LH SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248694853 | 90 pc(s). | Box |
| 1000640001 | BLF 5.08/02/90LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248690831 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.00/180LR SN



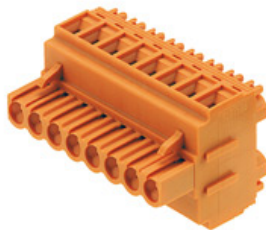
Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| 1956370000 | BLZP 5.00/02/180LR SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248635078 | 100 pc(s). | Box |
| 1956600000 | BLZP 5.00/02/180LR SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248635436 | 100 pc(s). | Box |

BLDT 5.08B



Female connectors with two clamping yoke screw connections per pole for conductor connection with 90° & 270° outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|------------|-----------|
| 1673780000 | BLDT 5.08/02/-B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°/270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190435509 | 100 pc(s). | Box |
| 1651740000 | BLDT 5.08/02/-B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°/270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190400422 | 100 pc(s). | Box |

**System pitch 5.08 mm (0.200 inch)
SL-SMT 5.08/02/90G 3.2SN BK BX**

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Counterpart
BLZ 5.00/180F


Female connectors with clamping yoke screw connection for conductor connection with straight outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1843520000 | BLZ 5.00/02/180F SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248355242 | 100 pc(s). | Box |
| 1843290000 | BLZ 5.00/02/180F SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248355013 | 100 pc(s). | Box |

BLZP 5.08/180LH SN


Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

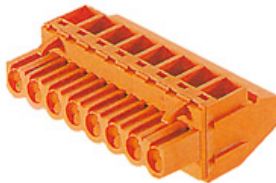
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| 1945520000 | BLZP 5.08/02/180LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248620692 | 100 pc(s). | Box |
| 1945290000 | BLZP 5.08/02/180LH SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248619863 | 100 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/90B



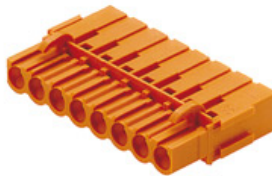
Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|---|---------------|------------|-----------|
| 1555060000 | BLZ 5.08/02/90B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190189563 | 150 pc(s). | Box |

BLC 5.08BR



Female connectors for conductor connection with crimp connection system. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.25 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------|---|---------------|------------|-----------|
| 1712110000 | BLC 5.08/02/180BR BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Crimp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190935122 | 100 pc(s). | Box |
| 1649370000 | BLC 5.08/02/180BR OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Crimp connection, Clamping range, max.: 2.5 mm ² , Box | 4008190294496 | 100 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLF 5.08/90LR SN



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The BLF 5.0x – the PUSH-IN version of the BLZ 5.0x socket block – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|-----------|-----------|
| 1002280000 | BLF 5.08/02/90LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248694440 | 90 pc(s). | Box |
| 1000410001 | BLF 5.08/02/90LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248690374 | 90 pc(s). | Box |

BLZP 5.08/270LR SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| 1947530000 | BLZP 5.08/02/270LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm², Box | 4032248623822 | 90 pc(s). | Box |
| 1947760000 | BLZP 5.08/02/270LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm², Box | 4032248624157 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLL 5.08/180B



Female connector for PCB mounting. The solder pin length is optimised for wave flow soldering. Packed in cardboard box.

- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|------------------------------|---|---------------|------------|-----------|
| 1682730000 | BLL 5.08/02/180B 3.2SN OR BX | PCB plug-in connector, female header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190474492 | 100 pc(s). | Box |

BLZ 5.00/270B



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1638040000 | BLZ 5.00/02/270B SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190275303 | 150 pc(s). | Box |
| 1638270000 | BLZ 5.00/02/270B SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190275532 | 150 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZF 5.08/180LH



Socket blocks for conductor connection, featuring the time-saving tension clamp technology, with straight outlet direction and release lever or release latch mechanism. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 1.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| 1895720000 | BLZF 5.08/02/180LH SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248510443 | 90 pc(s). | Box |
| 1893160000 | BLZF 5.08/02/180LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248507306 | 90 pc(s). | Box |

BLZF 5.08/180F



Female connectors for connecting conductors with tension clamp system, straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|-----------|-----------|
| 1803560000 | BLZF 5.08/02/180F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248258963 | 90 pc(s). | Box |
| 1803330000 | BLZF 5.08/02/180F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248258727 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLT 5.08LR



Socket connectors with clamping yoke screw connection for conductor connection with 270° outlet direction and release lever or release latch mechanism. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|-----------|-----------|
| 1890220000 | BLT 5.08/02/180LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box | 4032248498406 | 90 pc(s). | Box |
| 1894130000 | BLT 5.08/02/180LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box | 4032248508372 | 90 pc(s). | Box |

BLF 5.00/90LH SN



Just as reliable as the tried-and-true original, with innovation in detail:

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In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|-----------|-----------|
| 1981370000 | BLF 5.00/02/90LH SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248676675 | 90 pc(s). | Box |
| 1979980000 | BLF 5.00/02/90LH SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248675043 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/180LR



Socket connectors with clamping yoke screw connection for conductor connection with 270° outlet direction and release lever or release latch mechanism. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 1.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| 1851200000 | BLZ 5.08/02/180LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248381272 | 100 pc(s). | Box |
| 1892950000 | BLZ 5.08/02/180LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248507092 | 100 pc(s). | Box |

BLZP 5.00/270LR SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| 1961190000 | BLZP 5.00/02/270LR SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248640287 | 90 pc(s). | Box |
| 1960960000 | BLZP 5.00/02/270LR SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248639991 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZF 5.08/90B



Female connectors for connecting conductors with tension clamp system. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| 1671250000 | BLZF 5.08/02/90B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190432959 | 150 pc(s). | Box |
| 1671480000 | BLZF 5.08/02/90B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190433185 | 150 pc(s). | Box |

BLF 5.00/90F SN



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In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|-----------|-----------|
| 1979460000 | BLF 5.00/02/90F SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248674664 | 90 pc(s). | Box |
| 1980640000 | BLF 5.00/02/90F SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248675692 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLF 5.00/90LR SN



Just as reliable as the tried-and-true original, with innovation in detail:

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In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------|-----------|-----------|
| 1980870000 | BLF 5.00/02/90LR SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248675982 | 90 pc(s). | Box |
| 1979790000 | BLF 5.00/02/90LR SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm², Box | 4032248674053 | 90 pc(s). | Box |

BLT 5.08LH



Female connectors with TOP screw system for connecting conductors with straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|-----------|-----------|
| 1892490000 | BLT 5.08/02/180LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm², Box | 4032248506538 | 90 pc(s). | Box |
| 1889960000 | BLT 5.08/02/180LH SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, max.: 2.5 mm², Box | 4032248498000 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.00/90F SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|-----------|-----------|
| 1959520000 | BLZP 5.00/02/90F SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248638451 | 90 pc(s). | Box |
| 1959750000 | BLZP 5.00/02/90F SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248638680 | 90 pc(s). | Box |

BLZ 5.08/225B



Female connectors with clamping yoke screw connection for conductor connection with 225° outlet direction. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1742330000 | BLZ 5.08/02/225B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4032248049769 | 150 pc(s). | Box |
| 1742100000 | BLZ 5.08/02/225B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190243388 | 150 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZ 5.08/270B



Female connectors with clamping yoke screw connection. The female connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| 1559660000 | BLZ 5.08/02/270B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190086176 | 150 pc(s). | Box |
| 1559610000 | BLZ 5.08/02/270B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box | 4008190269654 | 150 pc(s). | Box |

BLZP 5.00/180LH SN



Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| 1956990000 | BLZP 5.00/02/180LH SN OR BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248635870 | 100 pc(s). | Box |
| 1957290000 | BLZP 5.00/02/180LH SN BK BX | PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248636105 | 100 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.08/270LH SN



Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|-----------|-----------|
| 1947240000 | BLZP 5.08/02/270LH SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248623129 | 90 pc(s). | Box |

BLZF 5.08/270B



Female connectors for connecting conductors with tension clamp system. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| 1672630000 | BLZF 5.08/02/270B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190434342 | 150 pc(s). | Box |
| 1672400000 | BLZF 5.08/02/270B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4008190434113 | 150 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.08/225B SN



Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| 1945750000 | BLZP 5.08/02/225B SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248621095 | 150 pc(s). | Box |
| 1945980000 | BLZP 5.08/02/225B SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248621507 | 150 pc(s). | Box |

BLF 5.08/90F SN



Just as reliable as the tried-and-true original, with innovation in detail:

The BLF 5.0x – the PUSH-IN version of the BLZ 5.0x socket block – features a new connection system and a more compact design. Weidmüller's innovative PUSH-IN spring connection features a trend-setting, tool-free wire connection system that is simple to operate.

In terms of versatility, the BLF 5.0x offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|--|---------------|-----------|-----------|
| 1000220001 | BLF 5.08/02/90F SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248690183 | 90 pc(s). | Box |
| 1002090000 | BLF 5.08/02/90F SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 90°, PUSH IN, Clamping range, max.: 3.31 mm ² , Box | 4032248694044 | 90 pc(s). | Box |

System pitch 5.08 mm (0.200 inch) SL-SMT 5.08/02/90G 3.2SN BK BX

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Counterpart

BLZP 5.08/180LR SN



Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| 1944830000 | BLZP 5.08/02/180LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248619436 | 100 pc(s). | Box |
| 1945060000 | BLZP 5.08/02/180LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box | 4032248620203 | 100 pc(s). | Box |

BLZF 5.08/180LR



Female connectors for connecting conductors with tension clamp system, straight 180° outlet direction. The female connectors include space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| 1851410000 | BLZF 5.08/02/180LR SN OR BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248382781 | 90 pc(s). | Box |
| 1892720000 | BLZF 5.08/02/180LR SN BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box | 4032248506767 | 90 pc(s). | Box |