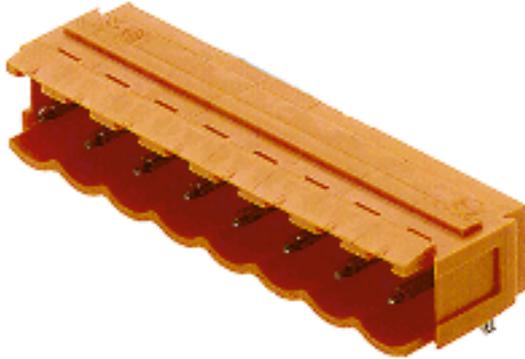


BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Fon: +49 5231 14-0
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 www.weidmueller.com



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

| | |
|--------------|--|
| Order No. | 1510360000 |
| Type | SL 5.08/02/90B 3.2SN OR BX |
| Version | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, Solder pin length: 3.2 mm, tinned, orange, Box |
| Product data | IEC: 400 V / 18 A UL: 300 V / 15 A |
| EAN | 4008190180188 |
| Qty. | 100 pc(s). |
| Packaging | Box |

Creation date October 19, 2011 6:44:49 AM CEST

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 www.weidmueller.com

Technical data

System parameters

| | | | |
|--|---------------------------------|--|-------------------|
| Product family | BL/SL 5.08 series | Mounting onto the PCB | Solder connection |
| Pitch, in mm | 5.08 mm | Pitch, in inches | 0.2 inch |
| No. of poles | 2 | Solder pin length | 3.2 mm |
| Pin dimensions | d = 1.2 mm, Octagonal | Can be coded | Yes |
| Number of rows | 1 | Number of solder pins per pole | 1 |
| Diameter of solder eyelet | 1.3 mm | Tolerance of the diameter of the solder eyelet | + 0,1 mm |
| L1 in mm | 5.08 mm | L1 in inches | 0.2 inch |
| Insulation resistance | 10 ³ Ω | Touch-safe protection acc. to DIN VDE 0470 | IP20 plugged |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch, plugged | | |

Material data

| | | | |
|----------------------------------|--------|---------------------------------------|--------|
| Insulating material | PBT | Colour | orange |
| Insulating material group | IIIa | Flammability class UL 94 | V-0 |
| CTI | ≥ 200 | Contact material | CuSn |
| Contact surface | tinned | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 100 °C | Max. relative humidity during storage | 80 % |

DIN IEC rating data

| | | | |
|--|-------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C) | 18 A | Rated current, max. no. of poles (Tu=20°C) | 14.5 A |
| Rated current, number of poles (Tu=40°C), min | 15 A | Rated current, number of poles (Tu=40°C), max. | 12 A |
| Rated voltage for surge voltage class / pollution degree III/3 | 250 V | Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV |
| Rated voltage for surge voltage class / pollution degree III/2 | 320 V | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV |
| Rated voltage for surge voltage class / pollution degree II/2 | 400 V | Rated impulse voltage for surge voltage class/ pollution degree II/2 | 4 kV |
| 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) | 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 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | ETIM 4.0 | EC002637 |
| UNSPSC | 30-21-18-10 | eClass 4.1 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 | eClass 6.0 | 27-26-07-04 |

Approvals

| | |
|-----------|---------------|
| Approvals | CSA; UR; ROHS |
|-----------|---------------|

Datasheet**BL/SL 5.08 series**
SL 5.08/02/90B 3.2SN OR BX**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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www.weidmueller.com**Technical data****Notes**

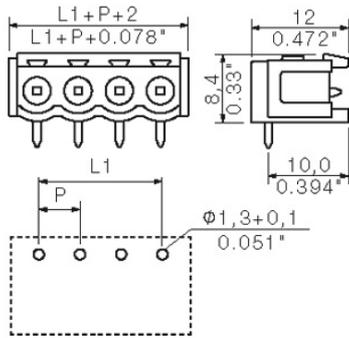
Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.

- 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.

DownloadsCAD Library (P-CAD Format - ASCII) [SL.LIA](#)CAD Library (P-CAD Format - Standard) [SL.LIB](#)[3D model](#)

Datasheet**BL/SL 5.08 series**
SL 5.08/02/90B 3.2SN OR BX**Weidmüller Interface GmbH & Co. KG**
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www.weidmueller.com**Drawings**

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (fully pluggable)

BLZ 5.00/90B



Female plugs with clamping-yoke screw for wire connection with 90° outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190274368 | 150 pc(s). | Box |

BLZ 5.00/270B



Female plugs with clamping-yoke screw for wire connection with 270° outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190275532 | 150 pc(s). | Box |

BL/SL 5.08 series
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Mating connector (fully pluggable)

BLZF 5.08/270B



Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190434113 | 150 pc(s). | Box |
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190434342 | 150 pc(s). | Box |

BLZP 5.08/225B SN



Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248621507 | 150 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (fully pluggable)

rated connection, max.: 4 mm²,
 Box

BLDT 5.08B



Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|--|--|---------------|------------|-----------|
| 1673780000 | BLDT 5.08/02/-B SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190435509 | 100 pc(s). | Box |
| 1651740000 | BLDT 5.08/02/-B SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190400422 | 100 pc(s). | Box |

BLZ 5.08/90B



Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|---|---|---------------|------------|-----------|
| 1555060000 | BLZ 5.08/02/90B SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190189563 | 150 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (fully pluggable)

BLL 5.08/180B



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1682730000 | BLL 5.08/02/180B 3.2SN OR BX | PCB plug-in connector, female header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, orange, Box | IEC: 400 V / 23 A UL: 300 V / 15 A | 4008190474492 | 150 pc(s). | Box |

BLZF 5.08/90B



Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|------------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190433185 | 150 pc(s). | Box |
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190432959 | 150 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (fully pluggable)

BLZ 5.08/270B



Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|------------|-----------|
| 1559660000 | BLZ 5.08/02/270B SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190086176 | 150 pc(s). | Box |
| 1559610000 | BLZ 5.08/02/270B SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190269654 | 150 pc(s). | Box |

BLZ 5.08/225B



Female plugs with clamping-yoke screw for wire connection with 225° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|------------|-----------|
| 1742100000 | BLZ 5.08/02/225B SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190243388 | 150 pc(s). | Box |
| 1742330000 | BLZ 5.08/02/225B SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248049769 | 150 pc(s). | Box |

Datasheet

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (fully pluggable)

connection, max.: 3.31 mm²,
Box

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZ 5.00/90



Female plugs with clamping-yoke screw for wire connection with 90° outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190274139 | 180 pc(s). | Box |

BLT 5.08LR



Female plugs with TOP screw connection for wire, with straight wire outlet and release latch mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|---|---|---------------|-----------|-----------|
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248508372 | 90 pc(s). | Box |
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248498406 | 90 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.00/270 SN



Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248638031 | 180 pc(s). | Box |

BLZ 5.08/180LR



Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release latch mechanism. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|--|---------------|------------|-----------|
| 1892950000 | BLZ 5.08/02/180LR SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248507092 | 100 pc(s). | Box |
| 1851200000 | BLZ 5.08/02/180LR SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248381272 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

connection, max.: 3.31 mm²,
 Box

BLF 5.08/90LH SN



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

the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – 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 5.08 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|-------------------------------|--|---------------|-----------|-----------|
| 1000640001 | BLF 5.08/02/90LH SN BK BX | PCB plug-in connector, female | IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 2, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 mm ² , Box | 4032248690831 | 90 pc(s). | Box |
| 1002480000 | BLF 5.08/02/90LH SN OR BX | PCB plug-in connector, female | IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 2, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 mm ² , Box | 4032248694853 | 90 pc(s). | Box |

BLZP 5.00/270LR SN



Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248640287 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

| | | | | | |
|----------------------------|-----------------------------|---|--|-----------|-----|
| 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, rated connection, max.: 4 mm², Box | IEC: 400 V / 15.5 A / 4032248639991 0.2 - 4 mm² UL: 300 V / 10 A / AWG 26 - AWG 12 | 90 pc(s). | Box |
|----------------------------|-----------------------------|---|--|-----------|-----|

BLF 5.08/90LR SN



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

the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – 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 5.08 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm², Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26 | 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, rated connection, max.: 3.31 mm², Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248690374 | 90 pc(s). | Box |

BLZ 5.08/90

Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|---|-----------------------------------|---------------|------------|-----------|
| 1552710000 | BLZ 5.08/02/90 SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, | IEC: 400 V / 15 A / 0.2 - 2.5 mm² | 4008190267704 | 180 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

Clamping yoke connection, UL: 300 V / 10 A /
 Clamping range, rated AWG 26 - AWG 12
 connection, max.: 3.31 mm²,
 Box

| | | | | | | |
|----------------------------|-------------------------|---|---|---------------|------------|-----|
| 1552760000 | BLZ 5.08/02/90 SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190151256 | 180 pc(s). | Box |
|----------------------------|-------------------------|---|---|---------------|------------|-----|

BLZ 5.08/225



Female plugs with clamping-yoke screw for wire connection with 225° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|--|---|---------------|------------|-----------|
| 1741870000 | BLZ 5.08/02/225 SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190248727 | 180 pc(s). | Box |
| 1741640000 | BLZ 5.08/02/225 SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190206147 | 180 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

BLZ 5.08/180F



Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and screw flange. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|--|---------------|------------|-----------|
| 1802830000 | BLZ 5.08/02/180F SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248257676 | 100 pc(s). | Box |
| 1803040000 | BLZ 5.08/02/180F SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248258147 | 100 pc(s). | Box |

BLZF 5.08/90



Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|---|--|---------------|------------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190432393 | 180 pc(s). | Box |
| 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, | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190432690 | 180 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BL 5.08



Female plugs with leaf-spring wire connection system. The female plugs provide space for labelling.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|------------|-----------|
| 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, rated connection, max.: 2.08 mm ² , Box | IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190376345 | 100 pc(s). | Box |
| 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, rated connection, max.: 2.08 mm ² , Box | IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190376512 | 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, Clamping range, rated connection, max.: 2.08 mm ² , Box | IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190376192 | 100 pc(s). | Box |

BLL 5.08/90FI



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1843750000 | BLL 5.08/02/90FI 3.2SN OR BX | PCB plug-in connector, female header, Inverted flange, Solder connection, 5.08 mm, No. of | IEC: 400 V / 23 A UL: 300 V / 15 A | 4032248355501 | 100 pc(s). | Box |

Creation date October 19, 2011 6:44:49 AM CEST

Last update 04.10.2011 / We reserve the right to make technical changes.

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

poles: 2, 90°, Solder pin length:
 3.2 mm, tinned, orange, Box

BLZP 5.08/225 SN



Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 17.5 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 17.5 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248622337 | 180 pc(s). | Box |

BLF 5.00/90 SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|--|--|---------------|------------|-----------|
| 1979270000 | BLF 5.00/02/90 SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248674442 | 180 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

| | | | | | | |
|----------------------------|-------------------------|---|---|---------------|------------|-----|
| 1980170000 | BLF 5.00/02/90 SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248675258 | 180 pc(s). | Box |
|----------------------------|-------------------------|---|---|---------------|------------|-----|

BLZ 5.00/180



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190196912 | 100 pc(s). | Box |

BLZP 5.00/180F SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 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, | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248634347 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,
 Box

| | | | | | | |
|----------------------------|----------------------------|--|---|---------------|------------|-----|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248634606 | 100 pc(s). | Box |
|----------------------------|----------------------------|--|---|---------------|------------|-----|

BLT 5.08



Female plugs with TOP screw system for connecting wires with straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|---|---|---------------|------------|-----------|
| 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, Clamping range, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190060640 | 180 pc(s). | Box |
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190861704 | 180 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.08/90 SN



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

the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – 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.

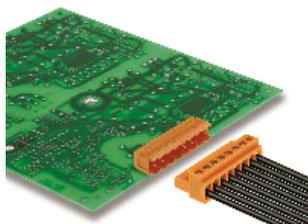
In terms of versatility, the BLF 5.08 offers just as much as the older versions:

- The choice of three wire outlet directions offers you proven design flexibility for your applications.
- Four flange variations, including the patented release latch, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|-------------------------------|---|---------------|------------|-----------|
| 1000030001 | BLF 5.08/02/90 SN BK BX | PCB plug-in connector, female | IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 2, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box | 4032248689965 | 180 pc(s). | Box |
| 1001530000 | BLF 5.08/02/90 SN OR BX | PCB plug-in connector, female | IEC: 400 V / 20 A / plug, 5.08 mm, No. of poles: 2, 0.2 - 2.5 mm ² 90°, PUSH IN, Clamping range, UL: 300 V / 10 A / rated connection, max.: 3.31 AWG 12 - AWG 26 mm ² , Box | 4032248693337 | 180 pc(s). | Box |

BL 5.00



Female plugs with leaf-spring wire connection system. The female plugs provide space for labelling.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|--|---|---------------|------------|-----------|
| 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, rated connection, max.: 2.08 mm ² , Box | IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 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, | IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190387334 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)

rated connection, max.: 2.08
 mm², Box

| | | | | | | |
|----------------------------|-------------------------|---|---|---------------|------------|-----|
| 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, rated connection, max.: 2.08 mm ² , Box | IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248048687 | 100 pc(s). | Box |
|----------------------------|-------------------------|---|---|---------------|------------|-----|

BLZP 5.00/180LR SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248635436 | 100 pc(s). | Box |

BLDT 5.08



Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|---|--------------------------------------|---------------|------------|-----------|
| 1660710000 | BLDT 5.08/02/- SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, | IEC: 400 V / 14 A / 4008190417161 | 4008190417161 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)

| | | | | | | |
|----------------------------|-------------------------|--|--|---------------|------------|-----|
| | | rated connection, max.: 3.31 mm ² , Box | UL: 300 V / 10 A / AWG 26 - AWG 12 | | | |
| 1644730000 | BLDT 5.08/02/- SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, TOP0.2 - 2.5 mm ² connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 14 A / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190283940 | 100 pc(s). | Box |

BLZF 5.08/180



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|--|--|---------------|------------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190389628 | 180 pc(s). | Box |
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190316693 | 180 pc(s). | Box |

BLZP 5.08/90F SN



Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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 | IEC: 400 V / 15.5 A / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248627721 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 4 mm², AWG 26 - AWG 12
 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 4032248627974 | 90 pc(s). | Box |
|----------------------------|---------------------------|---|-------------------------------------|-----------|-----|

BLT 5.08LH



Female plugs with TOP screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / UL: 300 V / 10 A / AWG 26 - AWG 14 | 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248498000 | 90 pc(s). | Box |

BLZ 5.08/180



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|--|--|---------------|------------|-----------|
| 1526460000 | BLZ 5.08/02/180 SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated | IEC: 400 V / 19 A / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190155834 | 100 pc(s). | Box |

**BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX**

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Mating connector (conditionally pluggable)

connection, max.: 3.31 mm²,
Box

| | | | | | | |
|----------------------------|--------------------------|--|--|---------------|------------|-----|
| 1526410000 | BLZ 5.08/02/180 SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190025038 | 100 pc(s). | Box |
|----------------------------|--------------------------|--|--|---------------|------------|-----|

BLZF 5.08/270



Female plugs with tension-clamp wire connection system. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 16.5 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190433659 | 180 pc(s). | Box |

BLZFS 5.00/180



Female plugs with tension-clamp wire connection system, straight 180° outlet direction with sliced construction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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 | IEC: 400 V / 17 A / 0.5 - 2.5 mm ² | 4008190878399 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)

| | | | | | |
|----------------------------|----------------------------|-------------------------------|---------------------------|---------------|----------------|
| | | connection, Clamping range, | UL: 300 V / 10 A / | | |
| | | rated connection, max.: 2.5 | AWG 26 - AWG 14 | | |
| | | mm ² , Box | | | |
| 1696600000 | BLZFS 5.00/02/180 SN BK BX | PCB plug-in connector, | IEC: 400 V / 17 A / | 4008190878627 | 100 pc(s). Box |
| | | female plug, 5.00 mm, No. of | 0.5 - 2.5 mm ² | | |
| | | poles: 2, 180°, Tension clamp | UL: 300 V / 10 A / | | |
| | | connection, Clamping range, | AWG 26 - AWG 14 | | |
| | | rated connection, max.: 2.5 | | | |
| | | mm ² , Box | | | |

BLZP 5.08/270 SN



Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|-------------------------|---------------|------------|-----------|
| 1948790000 | BLZP 5.08/02/270 SN OR BX | PCB plug-in connector, female | IEC: 400 V / 15.5 A / | 4032248626243 | 180 pc(s). | Box |
| | | plug, 5.08 mm, No. of poles: | 0.2 - 4 mm ² | | | |
| | | 2, 270°, Clamping yoke | UL: 300 V / 10 A / | | | |
| | | connection, Clamping range, | AWG 26 - AWG 12 | | | |
| | | rated connection, max.: 4 mm ² , | | | | |
| | | Box | | | | |
| 1949020000 | BLZP 5.08/02/270 SN BK BX | PCB plug-in connector, female | IEC: 400 V / 15.5 A / | 4032248626472 | 180 pc(s). | Box |
| | | plug, 5.08 mm, No. of poles: | 0.2 - 4 mm ² | | | |
| | | 2, 270°, Clamping yoke | UL: 300 V / 10 A / | | | |
| | | connection, Clamping range, | AWG 26 - AWG 12 | | | |
| | | rated connection, max.: 4 mm ² , | | | | |
| | | Box | | | | |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.08/270LH SN



Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248623129 | 90 pc(s). | Box |

BLZF 5.08/180LH



Female plugs with the time-saving tension-clamp wire connection system, with straight outlet direction and release lever or release latch mechanism. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248510443 | 90 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZP 5.00/270F SN



Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|---|---|---------------|-----------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248639724 | 90 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248639328 | 90 pc(s). | Box |

BLZP 5.08/180LR SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-----------------------------|--|---|---------------|------------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248620203 | 100 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248619436 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

rated connection, max.: 4 mm²,
Box

BLZ 5.08/180LH



Female plugs with clamping-yoke screw connection for wire, with straight wire outlet and release lever mechanism. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 1892190000 | BLZ 5.08/02/180LH SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248505517 | 100 pc(s). | Box |
| 1893600000 | BLZ 5.08/02/180LH SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248507788 | 100 pc(s). | Box |

BLZP 5.08/180 SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|--|---|---------------|------------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248617562 | 100 pc(s). | Box |
| 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 | IEC: 400 V / 19 A / 0.2 - 4 mm ² | 4032248617821 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 10 A /
 rated connection, max.: 4 mm², AWG 26 - AWG 12
 Box

BLZP 5.00/90F SN



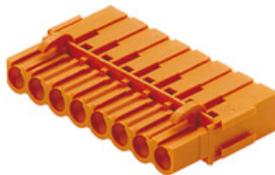
Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248638680 | 90 pc(s). | Box |

BLC 5.08BR



Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-------------------------|---|--|---------------|------------|-----------|
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190294496 | 100 pc(s). | Box |
| 1712110000 | BLC 5.08/02/180BR BK BX | PCB plug-in connector, female plug, 5.08 mm, No. of poles: | IEC: 400 V / 21 A | 4008190935122 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

2, 180°, Crimp connection, UL: 300 V / 10 A /
 Clamping range, rated AWG 26 - AWG 14
 connection, max.: 2.5 mm², Box

BLZP 5.08/270F SN



Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248628674 | 90 pc(s). | Box |

BLF 5.00/90F SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|--|---|---------------|-----------|-----------|
| 1979460000 | BLF 5.00/02/90F SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² | 4032248674664 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

| | | | | | | |
|----------------------------|--------------------------|---|--|---------------|-----------|-----|
| | | rated connection, max.: 3.31 mm ² , Box | UL: 300 V / 10 A / AWG 12 - AWG 26 | | | |
| 1980640000 | BLF 5.00/02/90F SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248675692 | 90 pc(s). | Box |

BLF 5.00/90LH SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|--|---------------|-----------|-----------|
| 1981370000 | BLF 5.00/02/90LH SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248676675 | 90 pc(s). | Box |
| 1979980000 | BLF 5.00/02/90LH SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248675043 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

BLZP 5.08/180LH SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-----------------------------|---|--|---------------|------------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248619863 | 100 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² / UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248620692 | 100 pc(s). | Box |

BLF 5.08/90F SN



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

the BLF 5.08 – the PUSH-IN version of the BLZ 5.08 female header – 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 5.08 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|--|--|---------------|-----------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² / UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248694044 | 90 pc(s). | Box |
| 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, | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² | 4032248690183 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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www.weidmueller.com

Mating connector (conditionally pluggable)

rated connection, max.: 3.31 UL: 300 V / 10 A /
mm², Box AWG 12 - AWG 26

BLZP 5.00/270LH SN



Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-----------------------------|--|--|---------------|-----------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248640713 | 90 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248640942 | 90 pc(s). | Box |

BLZP 5.08/270LR SN



Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248624157 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm², Box
 UL: 300 V / 10 A / AWG 26 - AWG 12

BLT 5.08F



Female plugs with TOP screw connection for wire, with straight wire outlet and screw flange. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|--|---------------|-----------|-----------|
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248356140 | 90 pc(s). | Box |
| 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | 4032248355914 | 90 pc(s). | Box |

BLZF 5.08/180LR



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248382781 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLF 5.00/90LR SN



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

the BLF 5.00 – the PUSH-IN version of the BLZ 5.00 female plug – 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 5.00 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, so you can design the interlock based on the requirements of the user.

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|-----------|-----------|
| 1980870000 | BLF 5.00/02/90LR SN OR BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248675982 | 90 pc(s). | Box |
| 1979790000 | BLF 5.00/02/90LR SN BK BX | PCB plug-in connector, female plug, No. of poles: 2, 90°, PUSH IN, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 12 - AWG 26 | 4032248674053 | 90 pc(s). | Box |

BLZP 5.00/90 SN



Female plugs with clamping-yoke screw for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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 | IEC: 400 V / 15.5 A / 0.2 - 4 mm ² | 4032248637386 | 180 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

connection, Clamping range, UL: 300 V / 10 A /
rated connection, max.: 4 mm², AWG 26 - AWG 12
Box

BLZP 5.08/180F SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|--|---------------|------------|-----------|
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248618903 | 100 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248617470 | 100 pc(s). | Box |

BLC 5.08R



Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14 | 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, | IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190934972 | 100 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

Clamping range, rated
 connection, max.: 2.5 mm², Box

BLZP 5.00/180 SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|---|---|---------------|------------|-----------|
| 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 connection, Clamping range, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248633203 | 100 pc(s). | Box |
| 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4032248634064 | 100 pc(s). | Box |

BLL 5.08/180



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1630710000 | BLL 5.08/02/180 3.2 SN OR BX | PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, orange, Box | IEC: 400 V / 23 A UL: 300 V / 15 A | 4008190204136 | 180 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLZ 5.00/180F



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|---------------------------|--|---|---------------|------------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248355013 | 100 pc(s). | Box |
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248355242 | 100 pc(s). | Box |

BLZF 5.08/180F



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|-----------|-----------|
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248258727 | 90 pc(s). | Box |
| 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248258963 | 90 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

rated connection, max.: 3.31
 mm², Box

BLL 5.08/90



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

General ordering data

| Order No. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1622940000 | BLL 5.08/02/90 3.2 SN OR BX | PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box | IEC: 400 V / 23 A UL: 300 V / 15 A | 4008190194000 | 180 pc(s). | Box |

BLZ 5.00/270



Female plugs with clamping-yoke screw for wire connection with 270° outlet direction. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12 | 4008190275051 | 180 pc(s). | Box |

BL/SL 5.08 series SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLIDC 5.08



Female plugs with IDC wire connection system. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | 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, rated connection, max.: 0.75 mm ² , Box | IEC: 400 V / 11 A / 0.5 - 0.75 mm ² / 300 V / 5 A / AWG 22 - AWG 20 | 4008190377281 | 100 pc(s). | Box |

BLZP 5.00/180LH SN



Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open 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. | Type | Version | Product data | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² / 300 V / 10 A / AWG 26 - AWG 12 | 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, rated connection, max.: 4 mm ² , Box | IEC: 400 V / 19 A / 0.2 - 4 mm ² / 300 V / 10 A / AWG 26 - AWG 12 | 4032248636105 | 100 pc(s). | Box |

BL/SL 5.08 series
SL 5.08/02/90B 3.2SN OR BX

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Mating connector (conditionally pluggable)

BLIDC 5.08B



Female plugs with IDC wire connection system. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|-----------------------------|-------------------------------|---|---------------|------------|-----------|
| 1759610000 | BLIDC 5.08/02/180B SN BK BX | PCB plug-in connector, female | IEC: 400 V / 11 A / plug, 5.08 mm, No. of poles: 2, 0.5 - 0.75 mm ² 180°, IDC terminal, Clamping range, rated connection, 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 | IEC: 400 V / 11 A / plug, 5.08 mm, No. of poles: 2, 0.5 - 0.75 mm ² 180°, IDC terminal, Clamping range, rated connection, max.: 0.75 mm ² , Box | 4032248069736 | 100 pc(s). | Box |

BLZ 5.08/270



Female plugs with clamping-yoke screw connection. The female plugs provide space for labelling and can be coded.

- 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. | Type | Version | Product data | EAN | Qty. | Packaging |
|----------------------------|--------------------------|-------------------------------|--|---------------|------------|-----------|
| 1557360000 | BLZ 5.08/02/270 SN OR BX | PCB plug-in connector, female | IEC: 400 V / 15 A / plug, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4008190118167 | 180 pc(s). | Box |
| 1557310000 | BLZ 5.08/02/270 SN BK BX | PCB plug-in connector, female | IEC: 400 V / 15 A / plug, No. of poles: 2, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4008190269425 | 180 pc(s). | Box |

