

BL/SL 5.08 series
BL 5.08/03/180 SN OR BX
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

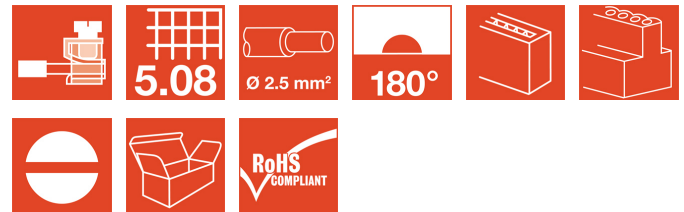
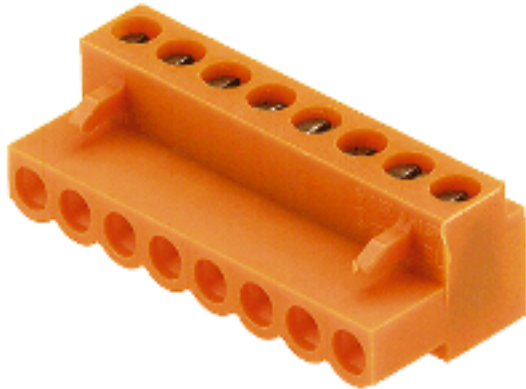
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

www.weidmueller.com



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. | 1716330000 |
| Type | BL 5.08/03/180 SN OR BX |
| Version | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box |
| Product data | IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 |
| GTIN (EAN) | 4008190376369 |
| Qty. | 100 pc(s). |
| Packaging | Box |

Creation date March 15, 2012 9:18:27 AM CET

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BL 5.08/03/180 SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
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Technical data**System parameters**

| | | | |
|---------------------------------|-------------------|--|------------------------|
| Product family | BL/SL 5.08 series | Conductor connection system | Leaf spring connection |
| Outgoing direction of conductor | 180° | Pitch in mm (P) | 5.08 mm |
| Pitch in inches (P) | 0.2 inch | No. of poles | 3 |
| Number of rows | 1 | Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 | Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.5 Nm | Clamping screw | M 2.5 |
| Stripping length | 6 mm | L1 in mm | 10.16 mm |
| L1 in inches | 0.4 inch | Touch-safe protection acc. to DIN VDE 0470 IP 00 | |

Material data

| | | | |
|----------------------------------|---------------------|----------------------------------|--------|
| Insulating material | PA | Colour | Orange |
| Colour chart | Similar to RAL 2000 | Flammability class UL 94 | V-2 |
| CTI | ≥ 200 | Contact material | CuSn |
| Contact surface | tinned | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 100 °C | | |


Connectable conductors

| | | | |
|---|----------------------|---|----------------------|
| Clamping range, rated connection, min. | 0.13 mm ² | Clamping range, rated connection, max. | 2.08 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 14 |
| Solid, min. H05(07) V-U | 0.2 mm ² | Solid, max. H05(07) V-U | 1.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² | Flexible, max. H05(07) V-K | 1.5 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.2 mm ² | w. wire end ferrule, DIN 46228 pt 1, max. | 1.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm ² | w. plastic collar ferrule, DIN 46228 pt 4, max. | 1 mm ² |
| Plug gauge acc. to EN 60999 a x b; ø | 2.4 mm x 1.5 mm | | |

DIN IEC rating data

| | | | |
|---|-------|---|-------|
| Rated current, min. no. of poles (Tu=20°C) | 14 A | Rated current, max. no. of poles (Tu=20°C) | 12 A |
| Rated current, number of poles (Tu=40°C), min | 12 A | Rated current, number of poles (Tu=40°C), max. | 10 A |
| Rated voltage for surge voltage class / pollution degree II/2 | 400 V | Rated voltage for surge voltage class / pollution degree III/2 | 320 V |
| Rated voltage for surge voltage class / pollution degree III/3 | 250 V | Rated impulse voltage for surge voltage class/ pollution degree II/2 | 4 kV |
| Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV | Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV |

CSA rating data


| | | | |
|-------------------------------|---|-------------------------------|--------|
| Institute (CSA) |  | Rated voltage (Use group B) | 300 V |
| Rated current (use group B) | 10 A | Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 14 | | |

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

Technical data

UL 1059 rating data

| | | | |
|-------------------------------|---|-------------------------------|--------|
| Institute (UR) |  | Rated voltage (use group B) | 300 V |
| Rated current (use group B) | 10 A | Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 14 | | |

Classifications

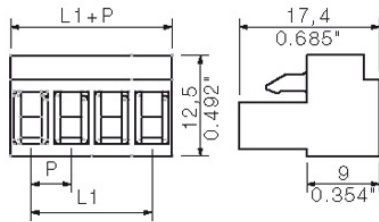
| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | ETIM 4.0 | EC002637 |
| UNSPSC | 30-21-18-10 | eClass 4.1 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 | eClass 6.0 | 27-26-07-04 |
| eClass 7.0 | 27-44-04-02 | | |

Notes

- Notes
- Additional colours on request
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section and min. No. of poles.
 - Wire end ferrule without plastic collar to DIN 46228/1
 - Wire end ferrule with plastic collar to DIN 46228/4
 - P on drg. = pitch
 - Do not tighten screws when plugged in.
 - 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.

Approvals



BL/SL 5.08 series
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Klingenbergstraße 16
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www.weidmueller.com**Drawings**

**BL/SL 5.08 series
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Mating connector (fully pluggable)
SL 5.08/135


Male connectors with 135° 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)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1603070000 | SL 5.08/03/135 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 3, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 17 A UL: 300 V / 15 A | 4008190089412 | 100 pc(s). | Box |

SL 5.08/90


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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1508160000 | SL 5.08/03/90 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190028879 | 100 pc(s). | Box |

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 Klingenbergstraße 16
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 Germany
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 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (fully pluggable)
SL-SMT 5.08/180 Tape


High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1821110000 | SL-SMT 5.08/03/180 1.5 SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248319756 | 250 pc(s). | Tape |

SL 5.00/90


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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1626000000 | SL 5.00/03/90 4.5SN BK BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190197308 | 100 pc(s). | Box |
| 1571140000 | SL 5.00/03/90 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190167202 | 100 pc(s). | Box |

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Klingenbergstraße 16
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Germany
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Fax: +49 5231 14-2083
www.weidmueller.com

Mating connector (fully pluggable)
SL-SMT 5.08/90 Box


High-temperature-resistant, 90° angled, open male header
Packed in box or tape. In tape with 1.5 mm solder pin
optimised for automatic assembly. 3.2 mm solder pin suitable
for reflow and wave soldering. These male connectors provide
space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1774772001 | SL-SMT 5.08/03/90 1.5SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248155705 | 100 pc(s). | Box |
| 1779960000 | SL-SMT 5.08/03/90 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248165285 | 100 pc(s). | Box |

SL-SMT 5.08/180G Box


High-temperature-resistant male header, packed in box or
tape. In tape with 1.5 mm solder pin optimised for automatic
assembly. 3.2 mm solder pin suitable for reflow and wave
soldering. These male connectors provide space for labelling
and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1775932001 | SL-SMT 5.08/03/180G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248158928 | 100 pc(s). | Box |
| 1838220000 | SL-SMT 5.08/03/180G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248348282 | 100 pc(s). | Box |

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Klingenbergstraße 16
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Germany
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Fax: +49 5231 14-2083
www.weidmueller.com

Mating connector (fully pluggable)
SLD 5.08/90G


2-tier male header with parallel pin arrangement. 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)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|---|---------------------------------------|---------------|-----------|-----------|
| 1601800000 | SLD 5.08/06/90G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 11 A UL: 300 V / 10 A | 4008190045876 | 50 pc(s). | Box |

SL-SMT 5.08/90G Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

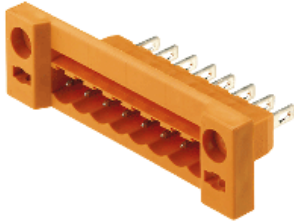
| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1775012001 | SL-SMT 5.08/03/90G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248156030 | 100 pc(s). | Box |
| 1780190000 | SL-SMT 5.08/03/90G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248165513 | 100 pc(s). | Box |

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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 (fully pluggable)

SLDF 5.08



Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1599140000 | SLDF 5.08 L/F 3 SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Box | IEC: 400 V / 15 A UL: 300 V / 10 A | 4008190077853 | 100 pc(s). | Box |

SL-SMT 5.08/90G Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1775014001 | SL-SMT 5.08/03/90G 1.5 SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248167739 | 350 pc(s). | Tape |

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

Mating connector (fully pluggable)
SL 5.08/180


Male connectors with straight 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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1517360000 | SL 5.08/03/180 3.2 SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190057077 | 100 pc(s). | Box |

SLD 5.08/180G


2-tier male header with parallel pin arrangement. 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)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|------------------------------|--|---------------------------------------|---------------|-----------|-----------|
| 1602400000 | SLD 5.08/06/180G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 11 A UL: 300 V / 10 A | 4008190076887 | 50 pc(s). | Box |

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

Mating connector (fully pluggable)
SL-SMT 5.08/90 Tape


High-temperature-resistant, 90° angled, open male header
 Packed in box or tape. In tape with 1.5 mm solder pin
 optimised for automatic assembly. 3.2 mm solder pin suitable
 for reflow and wave soldering. These male connectors provide
 space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1821170000 | SL-SMT 5.08/03/90 1.5 SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248319817 | 350 pc(s). | Tape |

SL-SMT 5.08/180G Tape


High-temperature-resistant male header, packed in box or
 tape. In tape with 1.5 mm solder pin optimised for automatic
 assembly. 3.2 mm solder pin suitable for reflow and wave
 soldering. These male connectors provide space for labelling
 and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1775934001 | SL-SMT 5.08/03/180G 1.5 SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248160112 | 250 pc(s). | Tape |

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Germany
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Mating connector (fully pluggable)

SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1775572001 | SL-SMT 5.08/03/180 1.5SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248157556 | 100 pc(s). | Box |
| 1837990000 | SL-SMT 5.08/03/180 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248348053 | 100 pc(s). | Box |

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 Klingenbergstraße 16
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 Germany
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 Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)
SL-SMT 5.08/180LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1776374001 | SL-SMT 5.08/03/180LF 1.5 SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248163496 | 250 pc(s). | Tape |

SL-SMT 5.08/180LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1838450000 | SL-SMT 5.08/03/180LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248348510 | 100 pc(s). | Box |
| 1776372001 | SL-SMT 5.08/03/180LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248159154 | 100 pc(s). | Box |

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

Mating connector (conditionally pluggable)
SLDV-THR 5.08/180F


High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------------|--|---------------------------------------|---------------|-----------|-----------|
| 1828780000 | SLDV-THR 5.08/06/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 400 V / 15 A UL: 300 V / 10 A | 4032248335466 | 50 pc(s). | Box |
| 1828900000 | SLDV-THR 5.08/06/180F 1.5SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box | IEC: 400 V / 15 A UL: 300 V / 10 A | 4032248335596 | 50 pc(s). | Box |

SLS 5.08/180B


Male plugs with clamping-yoke screw wire-connect system. The male 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)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|--|---------------|------------|-----------|
| 1627250000 | SLS 5.08/03/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 21.5 A / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190199760 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SL-SMT 5.08/90F Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|--------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1837640000 | SL-SMT 5.08/03/90F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248347452 | 100 pc(s). | Box |

SL-SMaRT 5.0x/90 Tape


High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|--|---|---------------|------------|-----------|
| 1812440000 | SL-SMaRT 5.0X/03/90 1.5SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 16.5 A UL: 300 V / 15 A | 4032248294022 | 350 pc(s). | Tape |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SLS 5.08/180F


Male plugs with clamping-yoke screw wire-connect system. The male 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)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|--|--|------------|------------|-----------|
| 1846370000 | SLS 5.08/03/180F SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 21.5 A / 4032248362073 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | | 100 pc(s). | Box |

SLZF 5.08/90B


Male plugs with tension-clamp wire connection. The male 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)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|--|------------|------------|-----------|
| 1673560000 | SLZF 5.08/03/90B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20.5 A / 4008190435271 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SLZF 5.08/180B


Male plugs with tension-clamp wire connection. The male 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)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 1710220000 | SLZF 5.08/03/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4008190319533 | 100 pc(s). | Box |

SL-SMT 5.00/90LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1840360000 | SL-SMT 5.00/03/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248351107 | 100 pc(s). | Box |
| 1797240000 | SL-SMT 5.00/03/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248238026 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)

SL 5.08/135B



Male connectors with 135° 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)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1605540000 | SL 5.08/03/135B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 3, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 17 A UL: 300 V / 15 A | 4008190097059 | 100 pc(s). | Box |

SLT 5.08B



Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------|---|--|---------------|------------|-----------|
| 1611720000 | SLT 5.08/03/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box | IEC: 400 V / 16 A / UL: 300 V / 10 A / AWG 26 - AWG 14 | 4008190192600 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SLZF 5.08/180FI


Male plugs with tension-clamp wire connection. The male 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)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-----------------------------|--|--|---------------|------------|-----------|
| 1846520000 | SLZF 5.08/03/180FI SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248362820 | 100 pc(s). | Box |

SLDV-THR 5.08/180FLF


High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|-------------------------------------|--|--------------------------------------|---------------|-----------|-----------|
| 1829020000 | SLDV-THR 5.08/06/180FLF 3.2SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 400 V / 15 A / UL: 300 V / 10 A | 4032248335718 | 50 pc(s). | Box |
| 1829140000 | SLDV-THR 5.08/06/180FLF 1.5SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box | IEC: 400 V / 15 A / UL: 300 V / 10 A | 4032248335831 | 50 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SL 5.00/90B


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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1580870000 | SL 5.00/03/90B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190008482 | 100 pc(s). | Box |

SL-SMT 5.08/180F Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1820600000 | SL-SMT 5.08/03/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248316564 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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

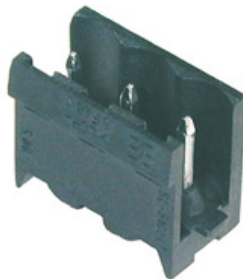
Mating connector (conditionally pluggable)
SL 5.08/180B


Male connectors with straight 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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1519660000 | SL 5.08/03/180B 3.2 SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 3, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190110024 | 100 pc(s). | Box |

SL-SMaRT 5.0x/180 Tape


High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

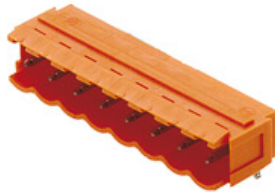
- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------------|---|---|---------------|------------|-----------|
| 1812460000 | SL-SMART 5.0X/03/180 1.5SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 16.5 A UL: 300 V / 15 A | 4032248294046 | 270 pc(s). | Tape |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SL 5.08/90B


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. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1510460000 | SL 5.08/03/90B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 3, Solder pin length (l): 3.2 mm, tinned, Orange, Box | IEC: 400 V / 18 A UL: 300 V / 15 A | 4008190054892 | 100 pc(s). | Box |

SLZF 5.08/180F


Male plugs with tension-clamp wire connection. The male 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)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 1846940000 | SLZF 5.08/03/180F SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248363117 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SL-SMT 5.08/90LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1780420000 | SL-SMT 5.08/03/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248165742 | 100 pc(s). | Box |
| 1775242001 | SL-SMT 5.08/03/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248157228 | 100 pc(s). | Box |

SLZF 5.08/270B


Male plugs with tension-clamp wire connection. The male 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)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|--|---------------|------------|-----------|
| 1706150000 | SLZF 5.08/03/270B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 20.5 A / UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248198009 | 100 pc(s). | Box |

**BL/SL 5.08 series
BL 5.08/03/180 SN 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)
SL-SMT 5.08/90LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| 1775244001 | SL-SMT 5.08/03/90LF 1.5 SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248167791 | 350 pc(s). | Tape |

SL-SMT 5.00/90LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|------------|-----------|
| 1797760000 | SL-SMT 5.00/03/90LF 1.5SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Tape | IEC: 400 V / 19 A UL: 300 V / 15 A | 4032248239764 | 350 pc(s). | Tape |

BL/SL 5.08 series
BL 5.08/03/180 SN 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)

SLS 5.08/180FI



Male plugs with clamping-yoke screw wire-connect system.
 The male 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)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | Product data | GTIN (EAN) | Qty. | Packaging |
|----------------------------|----------------------------|--|---|---------------|------------|-----------|
| 1846220000 | SLS 5.08/03/180FI SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | 4032248362509 | 100 pc(s). | Box |

