

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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 connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

Order No.	<a href="#">1943620000</a>
Part designation	BLZP 5.08/06/180 SN OR BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Box
GTIN (EAN)	4032248617616
Qty.	45 pc(s).
Packaging	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Technical data

### System parameters

Conductor connection system	Clamping yoke connection	Outgoing direction of conductor	180°
Pitch in mm	5.08 mm	Pitch in inch	0.2 inch
No. of poles	6	No. of rows	1
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	25.4 mm	L1 in inch	1 inch
Electric shock protection to DIN VDE 57 106 Safe from finger touch			

### Material data

Insulating material	PBT	Colour	Orange
colour chart	Similar to RAL 2000	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Contact base material	Copper alloy
Highest continuous operating temperature, min.	-25 °C	Highest continuous operating temperature, max.	100 °C

### Connectable conductors

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

### DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	19 A	Rated current, max. No. of poles (Tu=20°C)	15.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A	Rated current, no. of poles (Tu=40°C), max.	13 A
Rated voltage for overvoltage class/pollution severity II/2	400 V	Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree III/3	250 V	Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV	Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 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)	10 A
Rated voltage (Use group C)	50 V	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

### UL 1059 rating data

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

Creation date July 20, 2010 9:04:36 PM CEST

**Datasheet****System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/06/180 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](http://www.weidmueller.com)**Technical data****Approvals**

Approvals institutes	CURUS
----------------------	-------

**Classifications**

eClass 6.0	27-26-07-08
------------	-------------

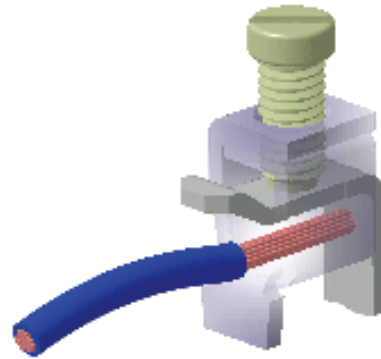
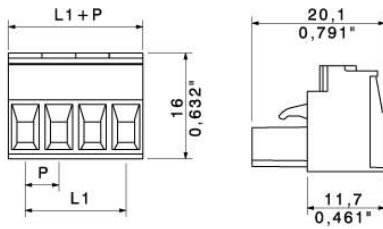
**Notes**

Notes	<ul style="list-style-type: none"><li>• Additional colours on request</li><li>• Rated current related to rated cross-section and min. No. of poles.</li><li>• Wire end ferrule without plastic collar to DIN 46228 pt 1</li><li>• Wire end ferrule with plastic collar to DIN 46228 pt 4</li><li>• P on drg. = pitch</li><li>• 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.</li></ul>
-------	--

**Datasheet**

**System pitch 5.08 mm (0.200 inch)**  
**BLZP 5.08/06/180 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](http://www.weidmueller.com)

**Drawings**

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SLD 5.08/90G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1601830000</a>	SLD 5.08/12/90G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190158798	50 pc(s).	Box

### SL-SMT 5.08/180G Box



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1838250000</a>	SL-SMT 5.08/06/180G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348312	50 pc(s).	Box
<a href="#">1775962001</a>	SL-SMT 5.08/06/180G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248158959	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/180 Tape



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775644001</a>	SL-SMT 5.08/06/180 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248159628	250 pc(s).	Tape

### SL 5.08/180



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1517660000</a>	SL 5.08/06/180 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190139445	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL 5.08/135



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1603100000</a>	SL 5.08/06/135 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190101480	50 pc(s).	Box

### SLD 5.08/180G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1602430000</a>	SLD 5.08/12/180G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190045692	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL 5.00/90



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1571170000</a>	SL 5.00/06/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190112325	50 pc(s).	Box
<a href="#">1596180000</a>	SL 5.00/06/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190105655	50 pc(s).	Box

### SL-SMT 5.08/180G Tape



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775964001</a>	SL-SMT 5.08/06/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248160174	250 pc(s).	Tape



## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL 5.08/90



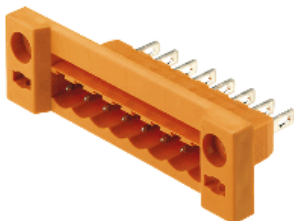
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1508460000</a>	SL 5.08/06/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190132767	50 pc(s).	Box

### 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. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1599170000</a>	SLDF 5.08 L/F 6 SN OR	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Clamping range, max.: , Box	4008190179595	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/90 Tape



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1774804001</a>	SL-SMT 5.08/06/90 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167692	350 pc(s).	Tape

### SL-SMT 5.08/180 Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775642001</a>	SL-SMT 5.08/06/180 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157587	50 pc(s).	Box
<a href="#">1838020000</a>	SL-SMT 5.08/06/180 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348084	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/90G Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775042001</a>	SL-SMT 5.08/06/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156108	50 pc(s).	Box
<a href="#">1780220000</a>	SL-SMT 5.08/06/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165544	50 pc(s).	Box

### SL-SMT 5.08/90G Tape



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775044001</a>	SL-SMT 5.08/06/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167760	350 pc(s).	Tape

## Datasheet

**System pitch 5.08 mm (0.200 inch)**  
**BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/90 Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1779990000</a>	SL-SMT 5.08/06/90 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165315	50 pc(s).	Box
<a href="#">1774802001</a>	SL-SMT 5.08/06/90 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248155835	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SLS 5.08TB KF35



Male connector with screw clamping yoke connection for connecting conductors. Clip-on feet for mounting on terminal rail. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846140000</a>	SLS 5.08/06/180TB KF SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362424	20 pc(s).	Box

### SLZF 5.08/180FI



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846550000</a>	SLZF 5.08/06/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362851	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/180LF Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1776402001</a>	SL-SMT 5.08/06/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159185	50 pc(s).	Box
<a href="#">1838480000</a>	SL-SMT 5.08/06/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348541	50 pc(s).	Box

### SLZF 5.08/270B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1706180000</a>	SLZF 5.08/06/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248127931	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

## Counterpart

### SLZF 5.08/180B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1710250000</a>	SLZF 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190319564	50 pc(s).	Box

### SL 5.08/180B



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1519960000</a>	SL 5.08/06/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190011901	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

## Counterpart

### SLZF 5.08/180F



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846980000</a>	SLZF 5.08/06/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248363148	50 pc(s).	Box

### SLS 5.08/180B



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1627280000</a>	SLS 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190199791	50 pc(s).	Box



## System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

## Counterpart

### SLZF 5.08/90B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1673590000</a>	SLZF 5.08/06/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190435301	50 pc(s).	Box

### SL-SMT 5.08/90F Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1837670000</a>	SL-SMT 5.08/06/90F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248347483	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/180LF Tape



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1776404001</a>	SL-SMT 5.08/06/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248163625	250 pc(s).	Tape

### SL 5.08/135B



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1605570000</a>	SL 5.08/06/135B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190268756	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/180F Box



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1820610000</a>	SL-SMT 5.08/06/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248316571	50 pc(s).	Box
<a href="#">1837340000</a>	SL-SMT 5.08/06/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248345939	50 pc(s).	Box

### SLT 5.08B



Male connectors with screw TOP connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1611750000</a>	SLT 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Box	4008190192631	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL-SMT 5.08/90LF Tape



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775274001</a>	SL-SMT 5.08/06/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167838	350 pc(s).	Tape

### SL-SMT 5.00/90LF Tape



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1797790000</a>	SL-SMT 5.00/06/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239795	350 pc(s).	Tape

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL 5.08/90B



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1510760000</a>	SL 5.08/06/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190157951	50 pc(s).	Box

### SL-SMT 5.00/90LF Box



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

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

#### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1797270000</a>	SL-SMT 5.00/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238057	50 pc(s).	Box
<a href="#">1840390000</a>	SL-SMT 5.00/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351237	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SLDV-THR 5.08/180F



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1828810000</a>	SLDV-THR 5.08/12/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335497	50 pc(s).	Box
<a href="#">1828930000</a>	SLDV-THR 5.08/12/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335626	50 pc(s).	Box

### SLS 5.08TB RF15



Male connector with screw clamping yoke connection for connecting conductors. Clip-on feet for mounting on terminal rail. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846060000</a>	SLS 5.08/06/180TB RF15 SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362349	20 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/06/180 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

**Counterpart**
**SLDV-THR 5.08/180FLF**


High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

**General ordering data**

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1829050000</a>	SLDV-THR 5.08/12/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335749	50 pc(s).	Box
<a href="#">1829170000</a>	SLDV-THR 5.08/12/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335862	50 pc(s).	Box

**SL-SMT 5.08/90LF Box**


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

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

**General ordering data**

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1775272001</a>	SL-SMT 5.08/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157259	50 pc(s).	Box
<a href="#">1780450000</a>	SL-SMT 5.08/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165773	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

## Counterpart

### SL 5.00/90B



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

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

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1580900000</a>	SL 5.00/06/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190130695	50 pc(s).	Box

### SLS 5.08/180F



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846400000</a>	SLS 5.08/06/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362103	50 pc(s).	Box



## Datasheet

**System pitch 5.08 mm (0.200 inch)**  
**BLZP 5.08/06/180 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

## Counterpart

### SLS 5.08/180FI



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1846250000</a>	SLS 5.08/06/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362530	50 pc(s).	Box