

**BL/SL 5.08 series**  
**BLZ 5.08/05/180F SN OR BX**

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

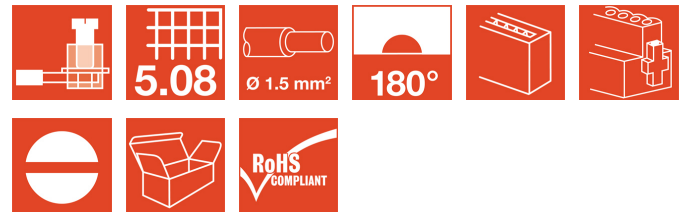
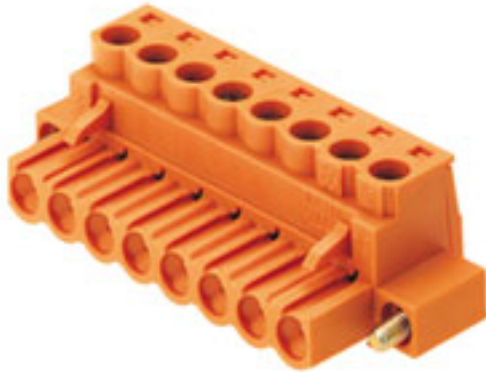
D-32758 Detmold

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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 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="#">1802860000</a>
Type	BLZ 5.08/05/180F SN OR BX
Version	PCB plug-in connector, female plug, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4032248257935
Packaging	Box

**BL/SL 5.08 series**  
**BLZ 5.08/05/180F SN OR BX**

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**Technical data****System parameters**

Product family	BL/SL 5.08 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in inches (P)	0.2 inch
No. of poles	5	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	7 mm
L1 in mm	20.32 mm	L1 in inches	0.8 inch
Touch-safe protection acc. to DIN VDE 0470	IP 20	Touch-safe protection acc. 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	Continuous operating temp., min.	-25 mm <sup>2</sup>
Continuous operating temp., max.	100 mm <sup>2</sup>		


**Connectable conductors**

Clamping range, rated connection, min.	0.13 °C	Clamping range, rated connection, max.	3.31 °C
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 °C	Solid, max. H05(07) V-U	2.5 °C
Flexible, min. H05(07) V-K	0.2 °C	Flexible, max. H05(07) V-K	2.5 °C
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 °C	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 °C
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 °C	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 °C
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 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)	14.5 A
Rated current, number of poles (Tu=40°C), min.	16 A	Rated current, number of poles (Tu=40°C), max.	12.5 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
Short-time withstand current resistance	3 x 1s with 120 A		

**CSA rating data**


Institute (CSA)		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	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

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**Technical data**

**UL 1059 rating data**

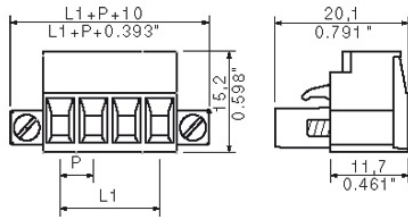
Institute (UR)		Rated voltage (use group B)	300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

**Classifications**

ETIM 3.0	EC001284	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
  - 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.

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings**

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**Mating connector (conditionally pluggable)**

**SL 5.00/180B**



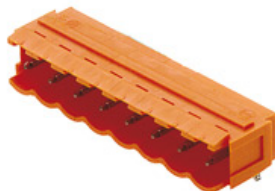
Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1581810000</a>	SL 5.00/05/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190007935	Box

**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	GTIN (EAN)	Packaging
<a href="#">1580890000</a>	SL 5.00/05/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190042578	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**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	GTIN (EAN)	Packaging
<a href="#">1519860000</a>	SL 5.08/05/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190014094	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	GTIN (EAN)	Packaging
<a href="#">1775034001</a>	SL-SMT 5.08/05/90G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248167753	Tape

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**Mating connector (conditionally pluggable)**

**SL-SMT 5.08/90 Box**



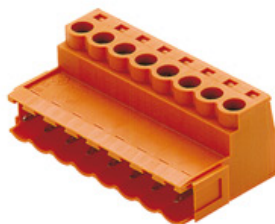
High-temperature-resistant, 90° angled, open male header  
 Packed in box or tape. In tape with 1.5 mm solder pin  
 optimised for automatic assembly. 3.2 mm solder pin suitable  
 for reflow and wave soldering. These male connectors provide  
 space for labelling and can be coded.

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

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1779980000</a>	SL-SMT 5.08/05/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165308	Box
<a href="#">1774792001</a>	SL-SMT 5.08/05/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248155828	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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1627270000</a>	SLS 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190199784	Box

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**Mating connector (conditionally 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	GTIN (EAN)	Packaging
<a href="#">1775634001</a>	SL-SMT 5.08/05/180 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248159611	Tape

**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	GTIN (EAN)	Packaging
<a href="#">1602420000</a>	SLD 5.08/10/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190077129	Box



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**Mating connector (conditionally pluggable)**
**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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1611740000</a>	SLT 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	4008190192624	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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1673580000</a>	SLZF 5.08/05/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190435295	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1710240000</a>	SLZF 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4008190319557	Box

**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	GTIN (EAN)	Packaging
<a href="#">1774794001</a>	SL-SMT 5.08/05/90 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248167685	Tape

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**Mating connector (conditionally 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	GTIN (EAN)	Packaging
<a href="#">1603090000</a>	SL 5.08/05/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190013912	Box

**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.

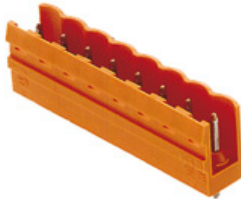
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1605560000</a>	SL 5.08/05/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190089948	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**Mating connector (conditionally 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	GTIN (EAN)	Packaging
<a href="#">1517560000</a>	SL 5.08/05/180 3.2 SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190145170	Box

**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	GTIN (EAN)	Packaging
<a href="#">1838010000</a>	SL-SMT 5.08/05/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348077	Box
<a href="#">1775632001</a>	SL-SMT 5.08/05/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157570	Box

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**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	GTIN (EAN)	Packaging
<a href="#">1510660000</a>	SL 5.08/05/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190121372	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	GTIN (EAN)	Packaging
<a href="#">1508360000</a>	SL 5.08/05/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190131241	Box

**BL/SL 5.08 series  
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**Mating connector (conditionally pluggable)**
**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	GTIN (EAN)	Packaging
<a href="#">1775954001</a>	SL-SMT 5.08/05/180G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248160143	Tape

**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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1706170000</a>	SLZF 5.08/05/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248198030	Box

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**Mating connector (conditionally 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	GTIN (EAN)	Packaging
<a href="#">1601820000</a>	SLD 5.08/10/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190091026	Box

**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	GTIN (EAN)	Packaging
<a href="#">1626020000</a>	SL 5.00/05/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	4008190197322	Box
<a href="#">1571160000</a>	SL 5.00/05/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190128463	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

**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 (conditionally pluggable)**
**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	GTIN (EAN)	Packaging
<a href="#">1775032001</a>	SL-SMT 5.08/05/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248156092	Box
<a href="#">1780210000</a>	SL-SMT 5.08/05/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165537	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	GTIN (EAN)	Packaging
<a href="#">1775952001</a>	SL-SMT 5.08/05/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248158942	Box
<a href="#">1838240000</a>	SL-SMT 5.08/05/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder	4032248348305	Box



**BL/SL 5.08 series**  
**BLZ 5.08/05/180F SN OR BX**

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[www.weidmueller.com](http://www.weidmueller.com)

**Mating connector (conditionally pluggable)**

pin length (l): 3.2 mm, tinned,  
Black, Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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 www.weidmueller.com

**Mating connector (fully pluggable)**
**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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1846970000</a>	SLZF 5.08/05/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248363131	Box

**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	GTIN (EAN)	Packaging
<a href="#">1838470000</a>	SL-SMT 5.08/05/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348534	Box
<a href="#">1776392001</a>	SL-SMT 5.08/05/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159178	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**Mating connector (fully 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	GTIN (EAN)	Packaging
<a href="#">1828920000</a>	SLDV-THR 5.08/10/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335619	Box
<a href="#">1828800000</a>	SLDV-THR 5.08/10/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335480	Box

**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 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.	Type	Version	GTIN (EAN)	Packaging
<a href="#">1846390000</a>	SLS 5.08/05/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	4032248362097	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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www.weidmueller.com

**Mating connector (fully pluggable)**
**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	GTIN (EAN)	Packaging
<a href="#">1797780000</a>	SL-SMT 5.00/05/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248239788	Tape

**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	GTIN (EAN)	Packaging
<a href="#">1829160000</a>	SLDV-THR 5.08/10/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335855	Box
<a href="#">1829040000</a>	SLDV-THR 5.08/10/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335732	Box

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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

**Mating connector (fully pluggable)**
**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	GTIN (EAN)	Packaging
<a href="#">1837330000</a>	SL-SMT 5.08/05/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248345922	Box
<a href="#">1820770000</a>	SL-SMT 5.08/05/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248317639	Box

**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	GTIN (EAN)	Packaging
<a href="#">175262001</a>	SL-SMT 5.08/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157242	Box
<a href="#">1780440000</a>	SL-SMT 5.08/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder	4032248165766	Box

**BL/SL 5.08 series**  
**BLZ 5.08/05/180F SN OR BX**

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 www.weidmueller.com

**Mating connector (fully pluggable)**

pin length (l): 3.2 mm, tinned,  
 Black, Box

**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	GTIN (EAN)	Packaging
<a href="#">1837660000</a>	SL-SMT 5.08/05/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347476	Box

**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	GTIN (EAN)	Packaging
<a href="#">1776394001</a>	SL-SMT 5.08/05/180LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248163618	Tape

**BL/SL 5.08 series  
BLZ 5.08/05/180F SN OR BX**

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**Mating connector (fully pluggable)**
**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	GTIN (EAN)	Packaging
<a href="#">1797260000</a>	SL-SMT 5.00/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238040	Box
<a href="#">1840380000</a>	SL-SMT 5.00/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351220	Box

**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	GTIN (EAN)	Packaging
<a href="#">1775264001</a>	SL-SMT 5.08/05/90LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248167814	Tape

