

**BL/SL 5.00 series**  
**BLZ 5.00/04/180 SN BK BX**

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

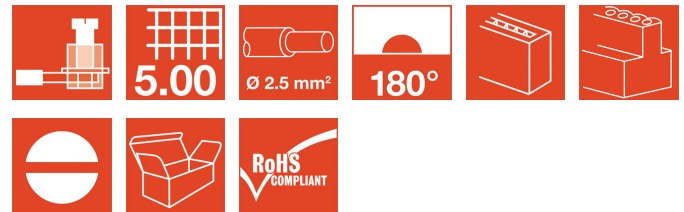
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Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 2.5 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="#">1596080000</a>
Type	BLZ 5.00/04/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box
Product data	IEC: 400 V / 19 A / 0.5 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12
GTIN (EAN)	4008190176716
Qty.	100 pc(s).
Packaging	Box

Creation date March 13, 2012 10:47:11 AM CET

**BL/SL 5.00 series**  
**BLZ 5.00/04/180 SN BK BX**

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

Product family	BL/SL 5.00 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	4
Number of rows	1	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	7 mm	L1 in mm	15 mm
L1 in inches	0.591 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	Black
Colour chart	Similar to RAL 9011	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
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 <sup>2</sup>	Clamping range, rated connection, max.	3.31 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm <sup>2</sup>	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm <sup>2</sup>	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
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**

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	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		

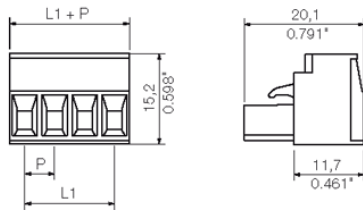
**Notes**

- 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
  - 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**

Approvals



**Data sheet...****BL/SL 5.00 series**  
**BLZ 5.00/04/180 SN BK BX****Weidmüller Interface GmbH & Co. KG**  
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[www.weidmueller.com](http://www.weidmueller.com)**Drawings**

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**Mating connector (fully pluggable)**
**SLDV-THR 5.00/180GLF**


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin 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
<a href="#">1911770000</a>	SLDV-THR 5.00/08/180GLF 1.5SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539925	50 pc(s).	Box
<a href="#">1911320000</a>	SLDV-THR 5.00/08/180GLF 3.2SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539413	50 pc(s).	Box

**SL-SMT 5.00/180 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
<a href="#">1797820000</a>	SL-SMT 5.00/04/180 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239825	250 pc(s).	Tape

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**Mating connector (fully pluggable)**
**SLD 5.00/180G**


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
<a href="#">1614830000</a>	SLD 5.00/08/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190039172	50 pc(s).	Box

**SL 5.00/135**


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
<a href="#">1630270000</a>	SL 5.00/04/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 4, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203696	100 pc(s).	Box

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**Mating connector (fully pluggable)**
**SL-SMT 5.00/90G 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
<a href="#">1840140000</a>	SL-SMT 5.00/04/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350889	100 pc(s).	Box
<a href="#">1797100000</a>	SL-SMT 5.00/04/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237883	100 pc(s).	Box

**SLDV-THR 5.00/180G**


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin 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
<a href="#">1895000000</a>	SLDV-THR 5.00/08/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509713	50 pc(s).	Box
<a href="#">1862370000</a>	SLDV-THR 5.00/08/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248426928	50 pc(s).	Box

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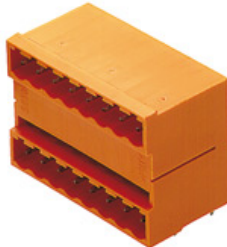
**Mating connector (fully pluggable)**
**SL 5.08/90**


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
<a href="#">1508260000</a>	SL 5.08/04/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190021207	100 pc(s).	Box

**SLD 5.00/90G**


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
<a href="#">1614370000</a>	SLD 5.00/08/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190029524	50 pc(s).	Box



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**Mating connector (fully pluggable)**
**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
<a href="#">1626010000</a>	SL 5.00/04/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190197315	100 pc(s).	Box
<a href="#">1571150000</a>	SL 5.00/04/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190107314	100 pc(s).	Box

**SL-SMT 5.00/90G 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
<a href="#">1797710000</a>	SL-SMT 5.00/04/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239719	350 pc(s).	Tape

**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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**Mating connector (fully pluggable)**
**SL-SMT 5.00/180 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
<a href="#">1840940000</a>	SL-SMT 5.00/04/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351831	100 pc(s).	Box
<a href="#">1796500000</a>	SL-SMT 5.00/04/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237036	100 pc(s).	Box

**SL 5.00/180**


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
<a href="#">1581340000</a>	SL 5.00/04/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190141196	100 pc(s).	Box

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**Mating connector (fully pluggable)**
**SL-SMT 5.00/180G 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
<a href="#">1841180000</a>	SL-SMT 5.00/04/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352074	100 pc(s).	Box
<a href="#">1796650000</a>	SL-SMT 5.00/04/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237272	100 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
<a href="#">1775022001</a>	SL-SMT 5.08/04/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248156085	100 pc(s).	Box
<a href="#">1780200000</a>	SL-SMT 5.08/04/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165520	100 pc(s).	Box

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**BLZ 5.00/04/180 SN BK BX**

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**Mating connector (fully pluggable)**

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

**SL-SMT 5.00/90 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
<a href="#">1796950000</a>	SL-SMT 5.00/04/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237739	100 pc(s).	Box
<a href="#">1839910000</a>	SL-SMT 5.00/04/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350551	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
<a href="#">1775024001</a>	SL-SMT 5.08/04/90G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167746	350 pc(s).	Tape

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**Mating connector (fully pluggable)**
**SL-SMT 5.00/90 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
<a href="#">1797640000</a>	SL-SMT 5.00/04/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239641	350 pc(s).	Tape

**SL-SMT 5.00/180G 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
<a href="#">1797890000</a>	SL-SMT 5.00/04/180G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239894	250 pc(s).	Tape

**BL/SL 5.00 series**  
**BLZ 5.00/04/180 SN BK BX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 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
<a href="#">1580880000</a>	SL 5.00/04/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190044060	100 pc(s).	Box

**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
<a href="#">1519760000</a>	SL 5.08/04/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 4, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190098483	100 pc(s).	Box

**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1581800000</a>	SL 5.00/04/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190070229	100 pc(s).	Box

**SL 5.00/135B**



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
<a href="#">1630500000</a>	SL 5.00/04/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 4, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203924	100 pc(s).	Box

**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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**Mating connector (conditionally pluggable)**
**SLDV-THR 5.00/180F**


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
<a href="#">1895250000</a>	SLDV-THR 5.00/08/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509973	50 pc(s).	Box
<a href="#">1882950000</a>	SLDV-THR 5.00/08/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487134	50 pc(s).	Box

**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
<a href="#">1510560000</a>	SL 5.08/04/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 4, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190046842	100 pc(s).	Box



**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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**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
<a href="#">1780430000</a>	SL-SMT 5.08/04/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165759	100 pc(s).	Box
<a href="#">1775252001</a>	SL-SMT 5.08/04/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248157235	100 pc(s).	Box

**SL-SMT 5.00/180LF 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
<a href="#">1796800000</a>	SL-SMT 5.00/04/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237425	100 pc(s).	Box
<a href="#">1841410000</a>	SL-SMT 5.00/04/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352319	100 pc(s).	Box

**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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**Mating connector (conditionally pluggable)**
**SL-SMT 5.00/180LF 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
<a href="#">1797950000</a>	SL-SMT 5.00/04/180LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239955	250 pc(s).	Tape

**SLDV-THR 5.00/180FLF**


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin 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
<a href="#">1895480000</a>	SLDV-THR 5.00/08/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248510221	50 pc(s).	Box
<a href="#">1883120000</a>	SLDV-THR 5.00/08/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487394	50 pc(s).	Box

**BL/SL 5.00 series  
BLZ 5.00/04/180 SN BK BX**

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**Mating connector (conditionally 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1840370000</a>	SL-SMT 5.00/04/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351213	100 pc(s).	Box
<a href="#">1797250000</a>	SL-SMT 5.00/04/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248238033	100 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1775254001</a>	SL-SMT 5.08/04/90LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167807	350 pc(s).	Tape

**BL/SL 5.00 series**  
**BLZ 5.00/04/180 SN BK BX**

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**Mating connector (conditionally 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1797770000</a>	SL-SMT 5.00/04/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239771	350 pc(s).	Tape

