

**BL/SL 5.08 series**  
**BLZ 5.08/12/90 SN BK BX**

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 16

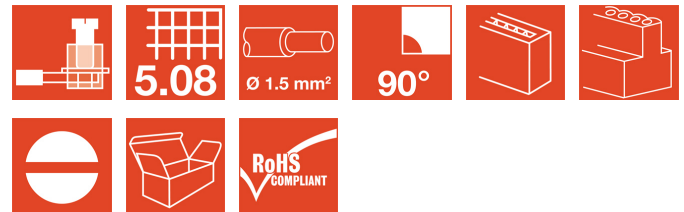
D-32758 Detmold

Germany

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Female plugs with clamping-yoke screw connection. 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)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	<a href="#">1553710000</a>
Type	BLZ 5.08/12/90 SN BK BX
Version	PCB plug-in connector, female plug, No. of poles: 12, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box
Product data	IEC: 400 V / 15 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - AWG 12
GTIN (EAN)	4008190267810
Qty.	30 pc(s).
Packaging	Box

Creation date March 13, 2012 10:17:32 AM CET

Catalogue status 10.02.2012 / We reserve the right to make technical changes.

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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	90°	Pitch in inches (P)	0.2 inch
No. of poles	12	Number of rows	1
Screwdriver blade		Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ
	0.6 x 3.5	Tightening torque, max.	0.5 Nm
Tightening torque, min.	0.4 Nm	Stripping length	7 mm
Clamping screw	M 2.5	L1 in inches	2.2 inch
L1 in mm	55.88 mm		
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	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 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.	0.2 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.	0.2 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)	15 A	Rated current, max. no. of poles (Tu=20°C)	12 A
Rated current, number of poles (Tu=40°C), min.	12 A	Rated current, number of poles (Tu=40°C), max.	10 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
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)	10 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 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)	10 A	Rated voltage (use group D)	300 V		
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26		
Wire cross-section, AWG, max.	AWG 12				

**Classifications**

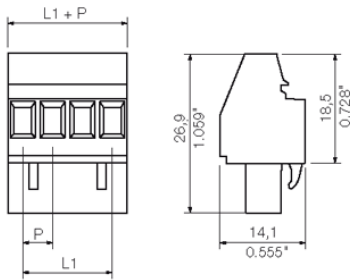
ETIM 3.0	EC001284	ETIM 4.0	EC002637
UNSPSC	30-21-18-10	eClass 4.1	27-26-07-01
eClass 5.1	27-26-07-04	eClass 6.0	27-26-07-04
eClass 7.0	27-44-04-02		

**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**



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


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1603160000</a>	SL 5.08/12/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 12, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190094638	50 pc(s).	Box

**SL-SMT 5.08/180G Box**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1776022001</a>	SL-SMT 5.08/12/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248159017	50 pc(s).	Box
<a href="#">1838310000</a>	SL-SMT 5.08/12/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248348374	50 pc(s).	Box

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**Mating connector (fully pluggable)**
**SLD 5.08/90G**


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1601890000</a>	SLD 5.08/24/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 24, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190132835	10 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.

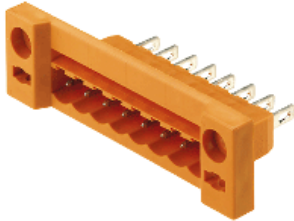
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1780280000</a>	SL-SMT 5.08/12/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165605	50 pc(s).	Box
<a href="#">1775102001</a>	SL-SMT 5.08/12/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248156573	50 pc(s).	Box

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**Mating connector (fully pluggable)**
**SLDF 5.08**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1599230000</a>	SLDF 5.08 L/F 12 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4008190155100	50 pc(s).	Box

**SL 5.08/90**


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

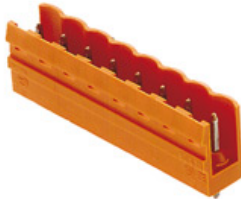
- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1509060000</a>	SL 5.08/12/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190105983	50 pc(s).	Box

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**Mating connector (fully pluggable)**
**SL 5.08/180**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1518260000</a>	SL 5.08/12/180 3.2 SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190070991	50 pc(s).	Box

**SLD 5.08/180G**


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1602490000</a>	SLD 5.08/24/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190183233	10 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="#">1571110000</a>	SL 5.00/12/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190140106	50 pc(s).	Box
<a href="#">1626080000</a>	SL 5.00/12/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190197384	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1838080000</a>	SL-SMT 5.08/12/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248348145	50 pc(s).	Box
<a href="#">1775702001</a>	SL-SMT 5.08/12/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248158348	50 pc(s).	Box

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**Mating connector (fully pluggable)**

pin length (l): 1.5 mm, tinned,  
 Box

**SL-SMT 5.08/90 Box**



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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1774862001</a>	SL-SMT 5.08/12/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248155903	50 pc(s).	Box
<a href="#">1780050000</a>	SL-SMT 5.08/12/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165377	50 pc(s).	Box

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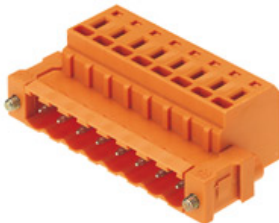
**Mating connector (conditionally pluggable)**
**SLT 5.08B**


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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1611810000</a>	SLT 5.08/12/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box	IEC: 400 V / 16 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 26 - AWG 14	4008190192693	50 pc(s).	Box

**SLZF 5.08/180FI**


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1846610000</a>	SLZF 5.08/12/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248362912	50 pc(s).	Box

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**Mating connector (conditionally pluggable)**
**SL-SMT 5.08/180LF Box**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1838540000</a>	SL-SMT 5.08/12/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248348602	50 pc(s).	Box
<a href="#">1776462001</a>	SL-SMT 5.08/12/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248159345	50 pc(s).	Box

**SLDV-THR 5.08/180F**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1828990000</a>	SLDV-THR 5.08/24/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 24, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248335688	10 pc(s).	Box
<a href="#">1828870000</a>	SLDV-THR 5.08/24/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248335656	10 pc(s).	Box

**BL/SL 5.08 series  
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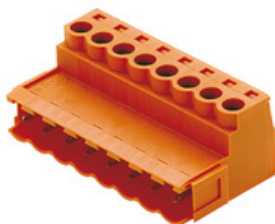
**Mating connector (conditionally pluggable)**
**SLDV-THR 5.08/180FLF**


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

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1829230000</a>	SLDV-THR 5.08/24/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 24, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248335923	10 pc(s).	Box
<a href="#">1829110000</a>	SLDV-THR 5.08/24/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248335800	10 pc(s).	Box

**SLS 5.08/180B**


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1627340000</a>	SLS 5.08/12/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 21.5 A / UL: 300 V / 15 A / AWG 26 - AWG 12	4008190199852	50 pc(s).	Box

**BL/SL 5.08 series**  
**BLZ 5.08/12/90 SN BK BX**

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**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="#">1580960000</a>	SL 5.00/12/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190071851	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1837730000</a>	SL-SMT 5.08/12/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248347544	50 pc(s).	Box

**BL/SL 5.08 series  
BLZ 5.08/12/90 SN BK BX**

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**Mating connector (conditionally 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1820630000</a>	SL-SMT 5.08/12/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248316595	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 pin headers provide space for labelling and can be coded.

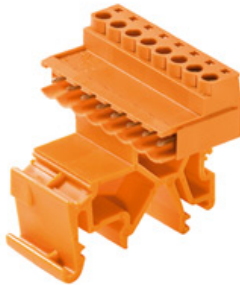
- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1520560000</a>	SL 5.08/12/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 12, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190169077	50 pc(s).	Box

**BL/SL 5.08 series  
BLZ 5.08/12/90 SN BK BX**

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**Mating connector (conditionally pluggable)**
**SLS 5.08TB KF35**


Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1846170000</a>	SLS 5.08/12/180TB KF SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248362455	10 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="#">1511360000</a>	SL 5.08/12/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 12, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190015985	50 pc(s).	Box



**BL/SL 5.08 series  
BLZ 5.08/12/90 SN BK BX**

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**Mating connector (conditionally 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1847080000</a>	SLZF 5.08/12/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248363216	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1775332001</a>	SL-SMT 5.08/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248157310	50 pc(s).	Box
<a href="#">1780510000</a>	SL-SMT 5.08/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165834	50 pc(s).	Box

**BL/SL 5.08 series  
BLZ 5.08/12/90 SN BK BX**

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**Mating connector (conditionally pluggable)**
**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1673650000</a>	SLZF 5.08/12/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 20.5 A / 4008190435363 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12		50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1846460000</a>	SLS 5.08/12/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 21.5 A / 4032248362769 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12		50 pc(s).	Box

**BL/SL 5.08 series**  
**BLZ 5.08/12/90 SN BK 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1710310000</a>	SLZF 5.08/12/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 23 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4008190319625	50 pc(s).	Box

**SLZF 5.08/270B**



Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1706240000</a>	SLZF 5.08/12/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248197736	50 pc(s).	Box

**BL/SL 5.08 series  
BLZ 5.08/12/90 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="#">1797330000</a>	SL-SMT 5.00/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248238118	50 pc(s).	Box
<a href="#">1840450000</a>	SL-SMT 5.00/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351299	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1605630000</a>	SL 5.08/12/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 12, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190068738	50 pc(s).	Box

**BL/SL 5.08 series**  
**BLZ 5.08/12/90 SN BK BX**

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**Mating connector (conditionally pluggable)**

**SLS 5.08TB RF15**



Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1846090000</a>	SLS 5.08/12/180TB RF15 SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248362370	10 pc(s).	Box

**SLS 5.08/180FI**



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1846310000</a>	SLS 5.08/12/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm <sup>2</sup> , Box	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 12	4032248362592	50 pc(s).	Box

