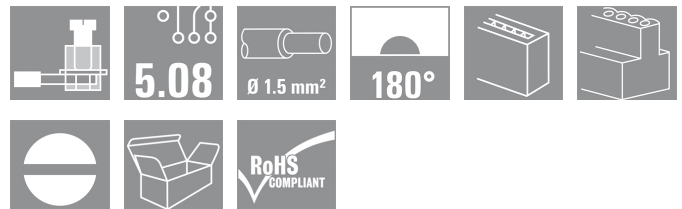


BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
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 www.weidmueller.com



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.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	1527510000
Type	BLZ 5.08/13/180 SN BK BX
Version	PCB plug-in connector, female plug, No. of poles: 13, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190287788
Qty.	40 pc(s).
Product data	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
Packaging	Box

Creation date May 30, 2012 8:12:44 AM CEST

BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX

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Technical data
Dimensions

Net weight 21.45 g

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	13	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	60.96 mm	L1 in inches	2.4 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	Contact base material	Copper alloy
Continuous operating temp., min.	-25 °C	Continuous operating temp., max.	100 °C

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	3.31 mm ²
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 ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
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		

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Technical data

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				

UL 1059 rating data

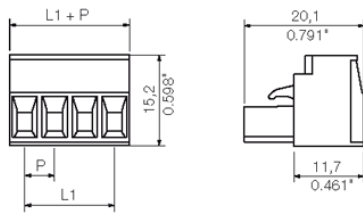
Institute (UR)				Rated voltage (use group B)	
				300 V	
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V		
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26		
Wire cross-section, AWG, max.	AWG 12				

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

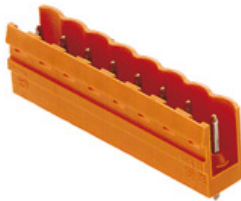
Notes

- 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.

Data sheet...**BL/SL 5.08 series**
BLZ 5.08/13/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**
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**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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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	GTIN (EAN)	Qty.	Product data	Packaging
1518360000	SL 5.08/13/180 3.2 SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190145002	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

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)	Qty.	Product data	Packaging
1603170000	SL 5.08/13/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 13, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190068561	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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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	GTIN (EAN)	Qty.	Product data	Packaging
1571230000	SL 5.00/13/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190116576	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	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)	Qty.	Product data	Packaging
1838320000	SL-SMT 5.08/13/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348381	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1776242001	SL-SMT 5.08/13/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159024	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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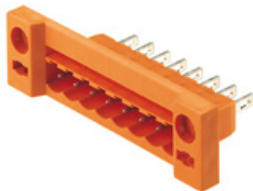
Mating connector (fully pluggable)
SL 5.08/90


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	GTIN (EAN)	Qty.	Product data	Packaging
1509160000	SL 5.08/13/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190185879	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

SLDF 5.08


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1599240000	SLDF 5.08 L/F 13 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 13, 180°, Box	4008190108533	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX

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Mating connector (fully pluggable)
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)	Qty.	Product data	Packaging
1602500000	SLD 5.08/26/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 26, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190019808	10 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	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	GTIN (EAN)	Qty.	Product data	Packaging
1780060000	SL-SMT 5.08/13/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165384	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1774872001	SL-SMT 5.08/13/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248155910	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1775712001	SL-SMT 5.08/13/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248158362	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1838090000	SL-SMT 5.08/13/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348152	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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	GTIN (EAN)	Qty.	Product data	Packaging
1775112001	SL-SMT 5.08/13/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248156580	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1780290000	SL-SMT 5.08/13/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°	4032248165612	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

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Mating connector (fully pluggable)

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

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.

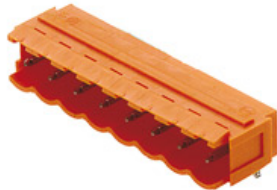
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1601900000	SLD 5.08/26/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 26, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190098476	10 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 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	GTIN (EAN)	Qty.	Product data	Packaging
1580970000	SL 5.00/13/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190005979	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

SL-SMT 5.08/180F Box


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

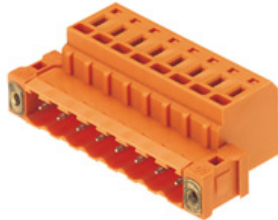
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1820790000	SL-SMT 5.08/13/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248317653	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 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 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1847100000	SLZF 5.08/13/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248363223	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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.

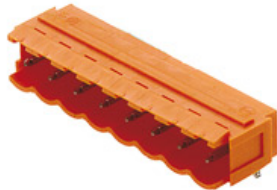
- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1846320000	SLS 5.08/13/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362608	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX

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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)	Qty.	Product data	Packaging
1511460000	SL 5.08/13/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 13, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190096717	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	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)	Qty.	Product data	Packaging
1776472001	SL-SMT 5.08/13/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159352	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1838550000	SL-SMT 5.08/13/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 13, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348619	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 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 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1673660000	SLZF 5.08/13/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435370	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

SL-SMT 5.00/90LF Box


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1797340000	SL-SMT 5.00/13/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 13, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238125	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1840460000	SL-SMT 5.00/13/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351305	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Mating connector (conditionally pluggable)
SLZF 5.08/180FI


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

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1846620000	SLZF 5.08/13/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362929	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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.

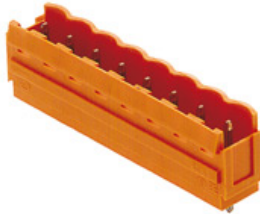
- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1846470000	SLS 5.08/13/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362776	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK 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)	Qty.	Product data	Packaging
1520660000	SL 5.08/13/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 13, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190016746	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

SLZF 5.08/180B


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

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1710320000	SLZF 5.08/13/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190319632	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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Mating connector (conditionally pluggable)
SL 5.08/135B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1605640000	SL 5.08/13/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 13, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190113070	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	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	GTIN (EAN)	Qty.	Product data	Packaging
1828880000	SLDV-THR 5.08/26/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 26, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335572	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
1829000000	SLDV-THR 5.08/26/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 26, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335695	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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Mating connector (conditionally pluggable)
SLZF 5.08/270B


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

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1706250000	SLZF 5.08/13/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248197767	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

SLT 5.08B


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

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1611820000	SLT 5.08/13/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190192709	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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www.weidmueller.com

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	GTIN (EAN)	Qty.	Product data	Packaging
1829120000	SLDV-THR 5.08/26/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 26, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335817	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
1829240000	SLDV-THR 5.08/26/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 26, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335930	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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

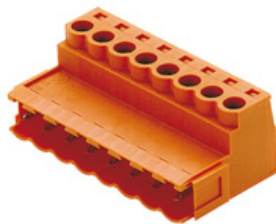
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1775342001	SL-SMT 5.08/13/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157327	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
1780540000	SL-SMT 5.08/13/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 13,	4032248165841	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
BLZ 5.08/13/180 SN BK BX**

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Mating connector (conditionally pluggable)

90°, Solder pin length (l):
 3.2 mm, tinned, Black, Box

SLS 5.08/180B


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

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1627350000	SLS 5.08/13/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 13, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190199869	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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)	Qty.	Product data	Packaging
1837740000	SL-SMT 5.08/13/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 13, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347551	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**BL/SL 5.08 series
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Accessories
Strain reliefs

For frequent load changes: the "trailer coupling" for plug-in connectors.

The strain relief can do more than just relieve the strain on conductors:

Simply clip onto the plug and

- bundle conductors
- guide cables
- use as a connection and disconnection aid

No damage to the connecting points, clear, tidy wiring and easy to handle.

User advantages: permanent heavy-duty connections for harsh industrial environments and convenient operation ensure improved system availability.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data
1652130000	BLZ 5.08 ZE4 SW	PCB plug-in connector, Accessories, Strain relief, Black, No. of poles: 4	4008190401801	50 pc(s).	
1652110000	BLZ 5.08 ZE4 OR	PCB plug-in connector, Accessories, Strain relief, Orange, No. of poles: 4	4008190401788	50 pc(s).	
1652050000	BLZ 5.08 ZE8 OR	PCB plug-in connector, Accessories, Strain relief, Orange, No. of poles: 8	4008190401726	50 pc(s).	
1652070000	BLZ 5.08 ZE8 SW	PCB plug-in connector, Accessories, Strain relief, Black, No. of poles: 8	4008190401740	50 pc(s).	

Coding elements

Only connects what is supposed to be connected: the right connection at the right place.

Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase.

The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible.

The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data
1573010000	BLZ/SL KO OR	PCB plug-in connector, Accessories, Coding element, Orange, No. of poles: 1	4008190048396	100 pc(s).	

Data sheet...**BL/SL 5.08 series**
BLZ 5.08/13/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com**Accessories**

1545710000 BLZ/SL KO SW	PCB plug-in connector, Accessories, Coding element, Black, No. of poles: 1	4008190087142 50 pc(s).
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