

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
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Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

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

General ordering data

Order No.	1943910000
Part designation	BLZP 5.08/12/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box
GTIN (EAN)	4032248618040
Qty.	36 pc(s).
Packaging	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Technical data

System parameters

Conductor connection system	Clamping yoke connection	Outgoing direction of conductor	180°
Pitch in mm	5.08 mm	Pitch in inch	0.2 inch
No. of poles	12	No. of rows	1
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	55.88 mm	L1 in inch	2.2 inch
Electric shock protection 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

Connectable conductors

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

DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	19 A	Rated current, max. No. of poles (Tu=20°C)	15.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A	Rated current, no. of poles (Tu=40°C), max.	13 A
Rated voltage for overvoltage class/pollution severity II/2	400 V	Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree III/3	250 V	Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV	Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

CSA rating data

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

UL 1059 rating data

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

Datasheet**System pitch 5.08 mm (0.200 inch)
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Approvals institutes	CURUS
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Classifications

eClass 6.0	27-26-07-08
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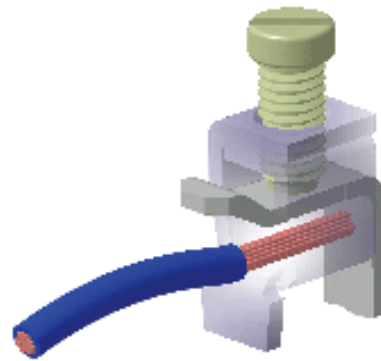
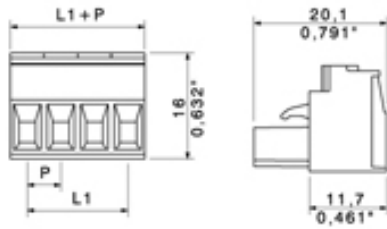
Notes

Notes	<ul style="list-style-type: none">• Additional colours on request• Rated current related to rated cross-section and min. No. of poles.• Wire end ferrule without plastic collar to DIN 46228 pt 1• Wire end ferrule with plastic collar to DIN 46228 pt 4• P on drg. = pitch• Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
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Datasheet

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Drawings

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/180G Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1838310000	SL-SMT 5.08/12/180G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348374	50 pc(s).	Box
1776022001	SL-SMT 5.08/12/180G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159017	50 pc(s).	Box

SL-SMT 5.08/90G Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

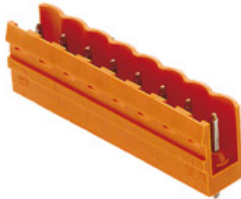
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1775102001	SL-SMT 5.08/12/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156573	50 pc(s).	Box
1780280000	SL-SMT 5.08/12/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165605	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 male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1518260000	SL 5.08/12/180 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190070991	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 male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1509060000	SL 5.08/12/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190105983	50 pc(s).	Box

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Mating connector (fully pluggable)

SLD 5.08/90G



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1601890000	SLD 5.08/24/90G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190132835	10 pc(s).	Box

SL-SMT 5.08/90 Box



High-temperature-resistant, 90° angled, open male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

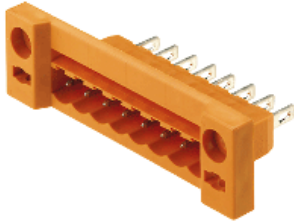
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1774862001	SL-SMT 5.08/12/90 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248155903	50 pc(s).	Box
1780050000	SL-SMT 5.08/12/90 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165377	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
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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. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1599230000	SLDF 5.08 L/F 12 SN OR	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Clamping range, max.: , Box	4008190155100	50 pc(s).	Box

SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1838080000	SL-SMT 5.08/12/180 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348145	50 pc(s).	Box
1775702001	SL-SMT 5.08/12/180 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248158348	50 pc(s).	Box

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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 male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1603160000	SL 5.08/12/135 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190094638	50 pc(s).	Box

SL 5.00/90



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1626080000	SL 5.00/12/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197384	50 pc(s).	Box
1571110000	SL 5.00/12/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190140106	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch)
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Mating connector (fully pluggable)
SLD 5.08/180G


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

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

General ordering data

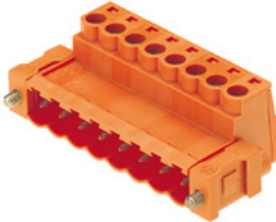
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1602490000	SLD 5.08/24/180G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190183233	10 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Mating connector (conditionally pluggable)

SLS 5.08/180FI



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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846310000	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, max.: 3.31 mm ² , Box	4032248362592	50 pc(s).	Box

SL-SMT 5.08/90F Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

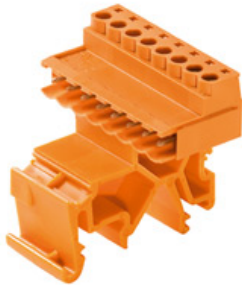
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1837730000	SL-SMT 5.08/12/90F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248347544	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Mating connector (conditionally pluggable)

SLS 5.08TB KF35



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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846170000	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, max.: 3.31 mm ² , Box	4032248362455	10 pc(s).	Box

SLZF 5.08/180FI



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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846610000	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, max.: 3.31 mm ² , Box	4032248362912	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Mating connector (conditionally pluggable)

SLS 5.08TB RF15



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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846090000	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, max.: 3.31 mm ² , Box	4032248362370	10 pc(s).	Box

SLDV-THR 5.08/180FLF



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1829230000	SLDV-THR 5.08/24/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335923	10 pc(s).	Box
1829110000	SLDV-THR 5.08/24/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335800	10 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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Mating connector (conditionally pluggable)

SLS 5.08/180F



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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846460000	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, max.: 3.31 mm ² , Box	4032248362769	50 pc(s).	Box

SLDV-THR 5.08/180F



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1828870000	SLDV-THR 5.08/24/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335565	10 pc(s).	Box
1828990000	SLDV-THR 5.08/24/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335688	10 pc(s).	Box

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Mating connector (conditionally pluggable)

SL 5.08/90B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1511360000	SL 5.08/12/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190015985	50 pc(s).	Box

SLZF 5.08/90B



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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1673650000	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, max.: 3.31 mm ² , Box	4008190435363	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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

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 male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1605630000	SL 5.08/12/135B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190068738	50 pc(s).	Box

SLZF 5.08/180B



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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1710310000	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, max.: 3.31 mm ² , Box	4008190319625	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/12/180 SN BK BX**

Weidmüller Interface GmbH & Co. KG
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D-32758 Detmold
Germany
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Mating connector (conditionally pluggable)

SL-SMT 5.08/180LF Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1776462001	SL-SMT 5.08/12/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159345	50 pc(s).	Box
1838540000	SL-SMT 5.08/12/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348602	50 pc(s).	Box

SL 5.08/180B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1520560000	SL 5.08/12/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190169077	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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

Mating connector (conditionally pluggable)

SLS 5.08/180B



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

- 0.20 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1627340000	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, max.: 3.31 mm ² , Box	4008190199852	50 pc(s).	Box

SL-SMT 5.08/180F Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1820630000	SL-SMT 5.08/12/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248316595	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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

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 male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1580960000	SL 5.00/12/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190071851	50 pc(s).	Box

SLZF 5.08/270B



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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1706240000	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, max.: 3.31 mm ² , Box	4032248197736	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/12/180 SN BK BX

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

Mating connector (conditionally pluggable)

SL-SMT 5.00/90LF Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1797330000	SL-SMT 5.00/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238118	50 pc(s).	Box
1840450000	SL-SMT 5.00/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351299	50 pc(s).	Box

SL-SMT 5.08/90LF Box



High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. Stable up to 290°C (2 x 30 s), which exceeds the requirements of EN 61760-1. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
175332001	SL-SMT 5.08/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157310	50 pc(s).	Box
1780510000	SL-SMT 5.08/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165834	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/12/180 SN BK BX**

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Germany
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Mating connector (conditionally pluggable)
SLT 5.08B


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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1611810000	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, max.: 2.5 mm ² , Box	4008190192693	50 pc(s).	Box

SLZF 5.08/180F


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

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1847080000	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, max.: 3.31 mm ² , Box	4032248363216	50 pc(s).	Box