

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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



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.	1943850000
Part designation	BLZP 5.08/06/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box
GTIN (EAN)	4032248617999
Qty.	45 pc(s).
Packaging	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

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	6	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	25.4 mm	L1 in inch	1 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
Highest continuous operating temperature, min.	-25 °C	Highest continuous operating temperature, max.	100 °C

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		

Creation date July 20, 2010 8:20:01 PM CEST

Datasheet**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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**Technical data****Approvals**

Approvals institutes CURUS

Classifications

eClass 6.0 27-26-07-08

Notes

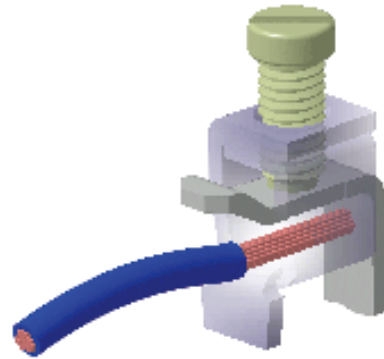
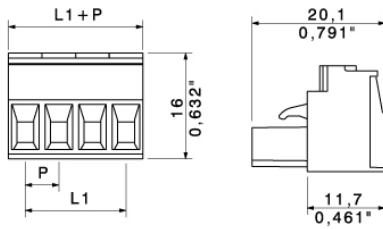
Notes

- 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.

Datasheet

System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Drawings

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1601830000	SLD 5.08/12/90G 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	4008190158798	50 pc(s).	Box

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. 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
1838250000	SL-SMT 5.08/06/180G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348312	50 pc(s).	Box
1775962001	SL-SMT 5.08/06/180G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248158959	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

SL-SMT 5.08/180 Tape



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. 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
1775644001	SL-SMT 5.08/06/180 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248159628	250 pc(s).	Tape

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
1517660000	SL 5.08/06/180 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190139445	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1603100000	SL 5.08/06/135 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190101480	50 pc(s).	Box

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
1602430000	SLD 5.08/12/180G 3.2SN 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	4008190045692	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1571170000	SL 5.00/06/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190112325	50 pc(s).	Box
1596180000	SL 5.00/06/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190105655	50 pc(s).	Box

SL-SMT 5.08/180G Tape



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. 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
1775964001	SL-SMT 5.08/06/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248160174	250 pc(s).	Tape

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

SL 5.08/90



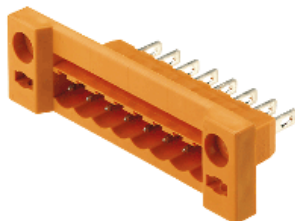
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1508460000	SL 5.08/06/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190132767	50 pc(s).	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. 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
1599170000	SLDF 5.08 L/F 6 SN OR	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Clamping range, max.: , Box	4008190179595	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

SL-SMT 5.08/90 Tape



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. 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
1774804001	SL-SMT 5.08/06/90 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167692	350 pc(s).	Tape

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. 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
1775642001	SL-SMT 5.08/06/180 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157587	50 pc(s).	Box
1838020000	SL-SMT 5.08/06/180 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348084	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Counterpart
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. 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
1775042001	SL-SMT 5.08/06/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156108	50 pc(s).	Box
1780220000	SL-SMT 5.08/06/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165544	50 pc(s).	Box

SL-SMT 5.08/90G Tape


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. 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
1775044001	SL-SMT 5.08/06/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167760	350 pc(s).	Tape

System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Counterpart

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. These male connectors can be labelled and coded.

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

General ordering data

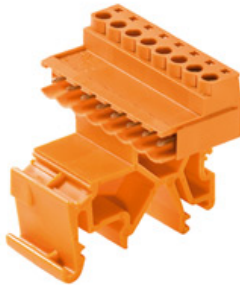
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1779990000	SL-SMT 5.08/06/90 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165315	50 pc(s).	Box
1774802001	SL-SMT 5.08/06/90 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248155835	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1846140000	SLS 5.08/06/180TB KF SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362424	20 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
1846550000	SLZF 5.08/06/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248362851	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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. 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
1776402001	SL-SMT 5.08/06/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159185	50 pc(s).	Box
1838480000	SL-SMT 5.08/06/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348541	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
1706180000	SLZF 5.08/06/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248127931	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

Counterpart

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
1710250000	SLZF 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4008190319564	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
1519960000	SL 5.08/06/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190011901	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

Counterpart

SLZF 5.08/180F



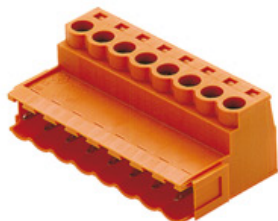
Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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
1846980000	SLZF 5.08/06/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248363148	50 pc(s).	Box

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
1627280000	SLS 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4008190199791	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZF 5.08/06/180 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

Counterpart

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
1673590000	SLZF 5.08/06/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4008190435301	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. 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
1837670000	SL-SMT 5.08/06/90F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248347483	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

SL-SMT 5.08/180LF Tape



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. 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
1776404001	SL-SMT 5.08/06/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248163625	250 pc(s).	Tape

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
1605570000	SL 5.08/06/135B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190268756	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Counterpart
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. 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
1820610000	SL-SMT 5.08/06/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248316571	50 pc(s).	Box
1837340000	SL-SMT 5.08/06/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248345939	50 pc(s).	Box

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
1611750000	SLT 5.08/06/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box	4008190192631	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

SL-SMT 5.08/90LF Tape



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. 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
1775274001	SL-SMT 5.08/06/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167838	350 pc(s).	Tape

SL-SMT 5.00/90LF Tape



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. These male connectors can be labelled and coded.

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

General ordering data

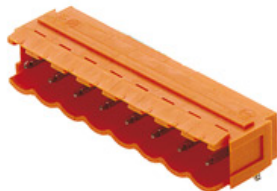
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1797790000	SL-SMT 5.00/06/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239795	350 pc(s).	Tape

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1510760000	SL 5.08/06/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190157951	50 pc(s).	Box

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. 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
1797270000	SL-SMT 5.00/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238057	50 pc(s).	Box
1840390000	SL-SMT 5.00/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351237	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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. 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
1828810000	SLDV-THR 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	4032248335497	50 pc(s).	Box
1828930000	SLDV-THR 5.08/12/180F 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	4032248335626	50 pc(s).	Box

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
1846060000	SLS 5.08/06/180TB RF15 SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362349	20 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Counterpart
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. 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
1829050000	SLDV-THR 5.08/12/180FLF 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	4032248335749	50 pc(s).	Box
1829170000	SLDV-THR 5.08/12/180FLF 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	4032248335862	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. 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
1775272001	SL-SMT 5.08/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157259	50 pc(s).	Box
1780450000	SL-SMT 5.08/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165773	50 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/06/180 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

Counterpart

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
1580900000	SL 5.00/06/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190130695	50 pc(s).	Box

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
1846400000	SLS 5.08/06/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362103	50 pc(s).	Box

Datasheet

System pitch 5.08 mm (0.200 inch)
BLZP 5.08/06/180 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

Counterpart

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
1846250000	SLS 5.08/06/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362530	50 pc(s).	Box