

BL/SL 5.00 series
BLZ 5.00/08/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

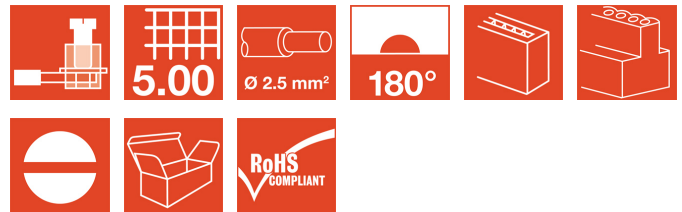
D-32758 Detmold

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

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

General ordering data

Order No.	1596110000
Type	BLZ 5.00/08/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
Product data	IEC: 400 V / 19 A / 0.5 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
GTIN (EAN)	4008190014223
Qty.	50 pc(s).
Packaging	Box

Creation date March 13, 2012 10:52:14 AM CET

BL/SL 5.00 series
BLZ 5.00/08/180 SN BK BX

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Technical data
System parameters

Product family	BL/SL 5.00 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	8
Number of rows	1	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	7 mm	L1 in mm	35 mm
L1 in inches	1.378 inch	Touch-safe protection acc. to DIN VDE 0470 IP 20	
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Black
Colour chart	Similar to RAL 9011	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm 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	0.5 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 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		

CSA rating data

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

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Technical data
UL 1059 rating data

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

Classifications

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

Notes

- Notes
- Additional colours on request
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section and min. No. of poles.
 - Wire end ferrule without plastic collar to DIN 46228/1
 - Wire end ferrule with plastic collar to DIN 46228/4
 - P on drg. = pitch
 - Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

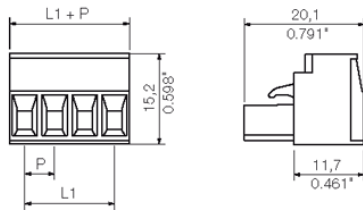
Approvals



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Drawings



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


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1911360000	SLDV-THR 5.00/16/180GLF 3.2SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539451	20 pc(s).	Box
1911810000	SLDV-THR 5.00/16/180GLF 1.5SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539963	20 pc(s).	Box

SL-SMT 5.00/180 Tape


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797860000	SL-SMT 5.00/08/180 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239863	250 pc(s).	Tape

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Mating connector (fully pluggable)
SLD 5.00/180G


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1614870000	SLD 5.00/16/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190039493	20 pc(s).	Box

SL 5.00/135


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1630310000	SL 5.00/08/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203733	50 pc(s).	Box

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Mating connector (fully pluggable)
SL-SMT 5.00/90G Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797140000	SL-SMT 5.00/08/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237920	50 pc(s).	Box
1840180000	SL-SMT 5.00/08/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350926	50 pc(s).	Box

SLD 5.00/90G


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1614410000	SLD 5.00/16/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190030063	20 pc(s).	Box

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Mating connector (fully pluggable)
SL 5.08/90


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1508660000	SL 5.08/08/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190178376	50 pc(s).	Box

SLDV-THR 5.00/180G


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1862380000	SLDV-THR 5.00/16/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248426935	20 pc(s).	Box
1895040000	SLDV-THR 5.00/16/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509751	20 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 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	Product data	GTIN (EAN)	Qty.	Packaging
1626040000	SL 5.00/08/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190197346	50 pc(s).	Box
1571190000	SL 5.00/08/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190016920	50 pc(s).	Box

SL-SMT 5.00/180 Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1840980000	SL-SMT 5.00/08/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351879	50 pc(s).	Box
1796540000	SL-SMT 5.00/08/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248265732	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 SN BK BX

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Mating connector (fully pluggable)
SL 5.00/180


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1581380000	SL 5.00/08/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190174705	50 pc(s).	Box

SL-SMT 5.00/180G Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1841220000	SL-SMT 5.00/08/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352111	50 pc(s).	Box
1796690000	SL-SMT 5.00/08/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237319	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 SN BK BX

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Mating connector (fully pluggable)
SL-SMT 5.08/90G Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1780240000	SL-SMT 5.08/08/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165568	50 pc(s).	Box
1775062001	SL-SMT 5.08/08/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248156528	50 pc(s).	Box

SL-SMT 5.00/90 Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1796990000	SL-SMT 5.00/08/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237777	50 pc(s).	Box
1839950000	SL-SMT 5.00/08/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350599	50 pc(s).	Box

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Mating connector (fully pluggable)**SL-SMT 5.00/90 Tape**

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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797680000	SL-SMT 5.00/08/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239689	350 pc(s).	Tape

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Mating connector (conditionally pluggable)
SL-SMT 5.00/180LF Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1796840000	SL-SMT 5.00/08/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237463	50 pc(s).	Box
1841450000	SL-SMT 5.00/08/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352357	50 pc(s).	Box

SL-SMT 5.08/90LF Box


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1780470000	SL-SMT 5.08/08/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165797	50 pc(s).	Box
1775292001	SL-SMT 5.08/08/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248157273	50 pc(s).	Box

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


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1883160000	SLDV-THR 5.00/16/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, UL: 300 V / 10 A Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A	4032248487530	20 pc(s).	Box
1895520000	SLDV-THR 5.00/16/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, UL: 300 V / 10 A Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A	4032248510269	20 pc(s).	Box

SL 5.00/90B


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1580920000	SL 5.00/08/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190072858	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 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)
SL 5.00/180B


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1581840000	SL 5.00/08/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190026547	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
1797290000	SL-SMT 5.00/08/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248238071	50 pc(s).	Box
1840410000	SL-SMT 5.00/08/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351251	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 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	Product data	GTIN (EAN)	Qty.	Packaging
1520160000	SL 5.08/08/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 8, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190136741	50 pc(s).	Box

SL 5.00/135B


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1630540000	SL 5.00/08/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 8, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203962	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/08/180 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	Product data	GTIN (EAN)	Qty.	Packaging
1510960000	SL 5.08/08/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 8, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190167295	50 pc(s).	Box

SLDV-THR 5.00/180F


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1895290000	SLDV-THR 5.00/16/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248510016	20 pc(s).	Box
1882990000	SLDV-THR 5.00/16/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487172	20 pc(s).	Box

