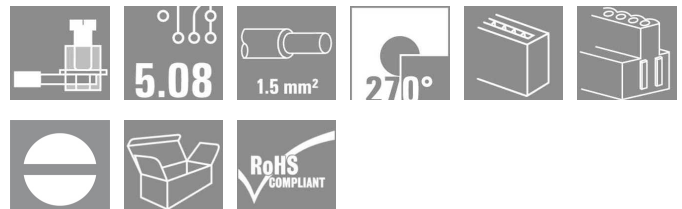


OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/05/270B SN OR BX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Do not use product for new developments



Female plugs with clamping-yoke screw connection.
The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	BLZ 5.08/05/270B SN OR BX
Order No.	1559960000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 270°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190123253
Qty.	66 pc(s).
Product data	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12
Packaging	Box

Creation date December 9, 2013 10:32:55 AM CET

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Technical data

Dimensions and weights

Net weight	10.061 g
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System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Clamping yoke connection
Conductor outlet direction	270°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	5
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	20.32 mm	L1 in inches	0.8 inch
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	Cu-Leg
Contact surface	tinned		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	3.31 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	15 A	Rated current, max. no. of poles (Tu=20°C)	12 A
Rated current, number of poles (Tu=40°C), min	12 A	Rated current, number of poles (Tu=40°C), max.	10 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage class pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1 s with 120 A		

**OMNIMATE Signal - series BL/SL 5.08
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Technical data**CSA rating data**

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

Classifications

ETIM 3.0

EC001284

UNSPSC

30-21-18-10

eClass 5.1

27-26-07-04

eClass 6.2

27-26-07-04

eClass 7.1

27-44-04-02

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & 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 drawing = 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



ROHS

Conform

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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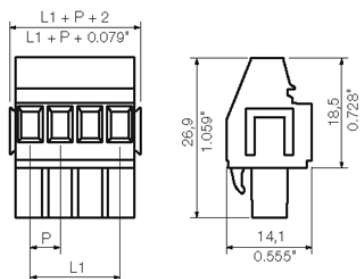
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Drawings



OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180LF Tape



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1776394001	PCB plug-in connector,	4032248163618	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 5,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

SL-SMT 5.08/90LF Tape



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775264001	PCB plug-in connector,	4032248167814	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 5,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SLS 5.08/180FI



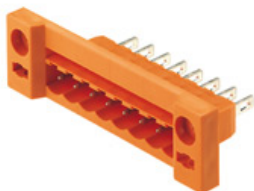
Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS 5.08/05/180FI SN OR BX	1846240000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362523	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12	Box

SLDF 5.08



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDF 5.08 L/F 5 SN BK BX	1635770000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Flat- blade connection, Solder connection, Box	4008190264208	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDF 5.08 L/F 5 SN OR BX	1599160000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Flat- blade connection, Solder connection, Box	4008190079970	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.00/90LF Tape



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797780000	PCB plug-in connector,	4032248239788	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/05/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK RL		Reflow solder connection,				
		5.00 mm, No. of poles: 5,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

SLZF 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846540000	PCB plug-in connector,	4032248362844	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/05/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 5, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SLDV-THR 5.08/180FLF



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.08/10/180FLF 3.2SN BK BX	1829040000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335732 50 pc(s).		IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/10/180FLF 1.5SN BK BX	1829160000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335855 50 pc(s).		IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SL-SMT 5.08/90 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/05/90 3.2SN BK BX	1779980000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165308 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/05/90 1.5SN BK BX	1774792001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°,	4032248155828 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

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

SLD 5.08/180G



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1602420000	PCB plug-in connector,	4008190077 129 50 pc(s).		IEC: 400 V / 11 A	Box
5.08/10/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SLD 5.08/90G



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1601820000	PCB plug-in connector, male	4008190091026 50 pc(s).		IEC: 400 V / 11 A	Box
5.08/10/90G		header, closed side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1838010000	PCB plug-in connector, male	4032248348077	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775632001	PCB plug-in connector, male	4032248157570	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1571160000	PCB plug-in connector, male	4008190128463	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/05/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				
SL	1626020000	PCB plug-in connector, male	4008190197322	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/05/90		header, open side, Solder			UL: 300 V / 15 A	
4.5SN BK BX		connection, 5.00 mm, No. of poles: 5, 90°, Solder pin				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

length (l): 4.5 mm, tinned,
 Black, Box

SL-SMT 5.08/90 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1774794001	PCB plug-in connector, male	4032248167685	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08				
		mm, No. of poles: 5, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

SL-SMT 5.08/90G Tape



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775034001	PCB plug-in connector, male	4032248167753	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08				
		mm, No. of poles: 5, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180LF Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/05/180LF 1.5SN BK BX	1776392001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159178 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/05/180LF 3.2SN BK BX	1838470000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348534 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box

SL-SMT 5.08/90F Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/05/90F 3.2SN BK BX	1837660000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347476 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180G Tape



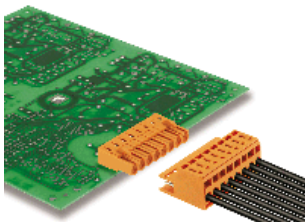
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775954001	PCB plug-in connector, male	4032248160143	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

SLZF 5.08/180



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1709400000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190390167	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/05/180					UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX						
SLZF	1709630000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318932	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/05/180					UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775262001	PCB plug-in connector,	4032248157242	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 5,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1780440000	PCB plug-in connector,	4032248165766	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 5,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				

SLS 5.08/180F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS	1846390000	PCB plug-in connector,	4032248362097	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/05/180F		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 5, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL 5.08/180



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1517560000	PCB plug-in connector, male	4008190145170	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/05/180		header, open side, Solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

SL-SMT 5.08/180F Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1837330000	PCB plug-in connector, male	4032248345922	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
1.5SN BK BX						
SL-SMT	1820770000	PCB plug-in connector, male	4032248317639	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 15 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775634001	PCB plug-in connector, male	4032248159611	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/05/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780210000	PCB plug-in connector, male	4032248165537	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775032001	PCB plug-in connector, male	4032248156092	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SLDV-THR 5.08/180F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1828920000	PCB plug-in connector, male	4032248335619	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/10/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 10 A	
SLDV-THR	1828800000	PCB plug-in connector, male	4032248335480	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/10/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 10 A	
3.2SN BK BX						

SL 5.08/135



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1603090000	PCB plug-in connector, male	4008190013912	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/05/135		header, open side, Solder connection, 5.08 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/180G Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775952001	PCB plug-in connector, male	4032248158942	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1838240000	PCB plug-in connector, male	4032248348305	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/05/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797260000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238040	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/05/90LF					UL: 300 V / 15 A	
1.5SN BK BX						
SL-SMT	1840380000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5,	4032248351220	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/05/90LF					UL: 300 V / 15 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (conditionally pluggable)

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

SLZF 5.08/180F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846970000	PCB plug-in connector,	4032248363131	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/05/180F		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (fully pluggable)

SL 5.08/135B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1605560000	PCB plug-in connector, male	4008190089948	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/05/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SLT 5.08B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLT	1611740000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190192624	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/05/180B					UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (fully pluggable)

SL 5.00/90B



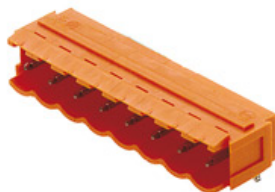
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580890000	PCB plug-in connector, male	4008190042578	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/05/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 5,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

SL 5.08/90B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1510660000	PCB plug-in connector, male	4008190121372	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/05/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 5,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (fully pluggable)

SLZF 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1710240000	PCB plug-in connector,	4008190319557	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/05/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 5, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SL 5.08/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1508360000	PCB plug-in connector, male	4008190131241	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/05/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/05/270B SN OR BX

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Mating connector (fully pluggable)

SLZF 5.08/90B



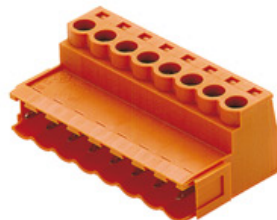
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1673580000	PCB plug-in connector,	4008190435295	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/05/90B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 5, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SLS 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS	1627270000	PCB plug-in connector,	4008190199784	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/05/180B		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 5, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/05/270B SN OR BX

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Mating connector (fully 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1519860000	PCB plug-in connector, male	4008190014094	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/05/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SLZF 5.08/270B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1706170000	PCB plug-in connector, male plug, 5.08 mm,	4032248198030	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/05/270B		No. of poles: 5, 270°,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

