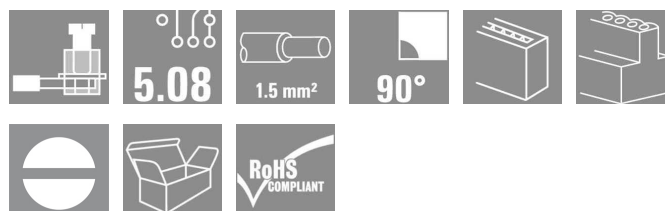


OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/03/90 SN BK BX

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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 5.08/03/90 SN BK BX
Order No.	1552810000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190267711
Qty.	120 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 15, 2013 12:35:40 PM CET

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Technical data

Dimensions and weights

Net weight	5.917 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	90°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	3
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	10.16 mm	L1 in inches	0.4 inch
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Black
Colour chart (similar)	RAL 9011	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
BLZ 5.08/03/90 SN BK BX**

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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 5.08/03/90 SN BK BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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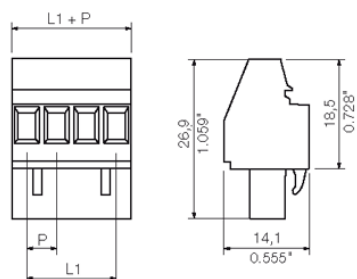
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Drawings



OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK 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	1776374001	PCB plug-in connector,	4032248163496	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

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	1605540000	PCB plug-in connector, male	4008190097059	100 pc(s).	IEC: 400 V / 17 A	Box
5.08/03/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 3,				
		135°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

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	1775244001	PCB plug-in connector,	4032248167791	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

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	1846220000	PCB plug-in connector,	4032248362509	72 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/03/180FI		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 3, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/03/90 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1510460000	PCB plug-in connector, male	4008190054892	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 3,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

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	1797760000	PCB plug-in connector,	4032248239764	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK RL		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

SLZF 5.08/90B



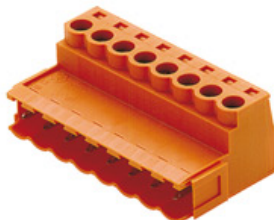
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1673560000	PCB plug-in connector,	4008190435271	100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/03/90B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 3, 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	1627250000	PCB plug-in connector,	4008190199760	100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/03/180B		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

SLZF 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846520000	PCB plug-in connector,	4032248362820	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/03/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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	1829020000	PCB plug-in connector,	4032248335718	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/06/180FLF		male header, Flange /			UL: 300 V / 10 A	
3.2SN BK BX		Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SLDV-THR	1829140000	PCB plug-in connector,	4032248335831	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/06/180FLF		male header, Flange /			UL: 300 V / 10 A	
1.5SN BK BX		Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/03/90 SN BK 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	1776372001	PCB plug-in connector,	4032248159154	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1838450000	PCB plug-in connector,	4032248348510	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Black, 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	1837640000	PCB plug-in connector, male	4032248347452	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 3, 90°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/03/90 SN BK BX
Weidmüller Interface GmbH & Co. KG

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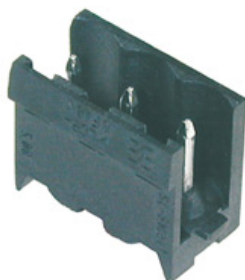
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Mating connector (conditionally pluggable)
SL-SMaT 5.0x/180 Tape


High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMaT	1812460000	PCB plug-in connector, male	4032248294046	270 pc(s).	IEC: 400 V / 16.5 A	Tape
5.0X/03/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00				
		mm, No. of poles: 3, 180°				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

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	1780420000	PCB plug-in connector,	4032248165742	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1775242001	PCB plug-in connector,	4032248157228	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

SLS 5.08/180F



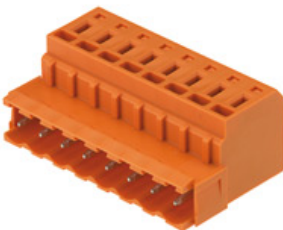
Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 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	1846370000	PCB plug-in connector,	4032248362073	72 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/03/180F		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SLZF 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1710220000	PCB plug-in connector,	4008190319533	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/03/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

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	1820600000	PCB plug-in connector, male	4032248316564	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1611720000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190192600	100 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/03/180B					UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/03/90 SN BK BX

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 Fon: +49 5231 14-0
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www.weidmueller.com

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	1828900000	PCB plug-in connector, male	4032248335596	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/06/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 10 A	
SLDV-THR	1828780000	PCB plug-in connector, male	4032248335466	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/06/180F		header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 10 A	

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

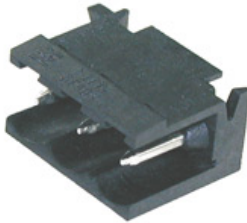
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580870000	PCB plug-in connector, male	4008190008482	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90B		header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMarT 5.0x/90 Tape



High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMART	1812440000	PCB plug-in connector, male	4032248294022	350 pc(s).	IEC: 400 V / 16.5 A	Tape
5.0X/03/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00				
		mm, No. of poles: 3, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

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	1840360000	PCB plug-in connector,	4032248351107	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1797240000	PCB plug-in connector,	4032248238026	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/03/90 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1519660000	PCB plug-in connector, male	4008190110024	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 3, 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	1706150000	PCB plug-in connector, male plug, 5.08 mm,	4032248198009	100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/03/270B		No. of poles: 3, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/03/90 SN BK BX

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Mating connector (conditionally pluggable)**SLZF 5.08/180F**

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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846940000	PCB plug-in connector,	4032248363117	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/03/180F		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/180G Tape



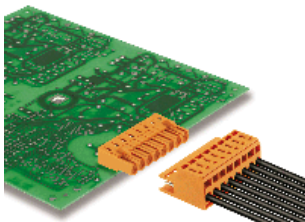
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 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	1775934001	PCB plug-in connector, male	4032248160112	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 3, 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	1709380000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190395896	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/03/180 SN OR BX						
SLZF	1709610000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318918	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
5.08/03/180 SN BK BX						

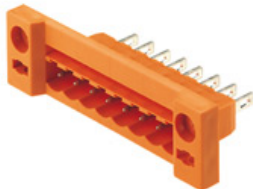
OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

SLDF 5.08



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

- 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 3 SN BK BX	1635750000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Flat- blade connection, Solder connection, Box	4008190264185	100 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDF 5.08 L/F 3 SN OR BX	1599140000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Flat- blade connection, Solder connection, Box	4008190077853	100 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

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 5.08/03/180 3.2SN OR BX	1517360000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190057077	100 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully 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	1821110000	PCB plug-in connector, male	4032248319756	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 3, 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	1780190000	PCB plug-in connector, male	4032248165513	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775012001	PCB plug-in connector, male	4032248156030	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

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	1779960000	PCB plug-in connector, male	4032248165285	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1774772001	PCB plug-in connector, male	4032248155705	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, 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	1602400000	PCB plug-in connector, male	4008190076887	50 pc(s).	IEC: 400 V / 11 A	Box
5.08/06/180G		header, closed side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

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	1601800000	PCB plug-in connector, male	4008190045876	50 pc(s).	IEC: 400 V / 11 A	Box
5.08/06/90G		header, closed side, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 10 A	
3.2SN OR BX		Orange, Box				

SL 5.08/135



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1603070000	PCB plug-in connector, male	4008190089412	100 pc(s).	IEC: 400 V / 17 A	Box
5.08/03/135		header, open side, Solder connection, 5.08 mm, No. of poles: 3, 135°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/180 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1837990000	PCB plug-in connector, male	4032248348053	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775572001	PCB plug-in connector, male	4032248157556	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 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	1626000000	PCB plug-in connector, male	4008190197308	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90		header, open side, Solder			UL: 300 V / 15 A	
4.5SN BK BX		connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box				
SL	1571140000	PCB plug-in connector, male	4008190167202	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No. of poles: 3, 90°, Solder pin				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

length (l): 3.2 mm, tinned,
Orange, 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	1508160000	PCB plug-in connector, male	4008190028879	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/90		header, open side, Solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

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	1838220000	PCB plug-in connector, male	4032248348282	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180G		header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 15 A	
3.2SN BK BX						
SL-SMT	1775932001	PCB plug-in connector, male	4032248158928	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/180G		header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
1.5SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/03/90 SN BK BX

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Mating connector (fully pluggable)

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	1821170000	PCB plug-in connector, male	4032248319817	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 3, 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	1775014001	PCB plug-in connector, male	4032248167739	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				