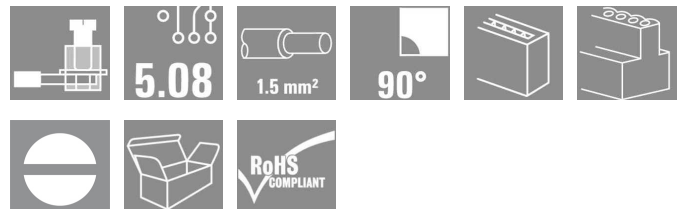


OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/10/90 SN OR 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 5.08/10/90 SN OR BX
Order No.	1553560000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190016852
Qty.	36 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 3:20:58 PM CET

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Technical data

Dimensions and weights

Net weight 19.722 g

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	10
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	45.72 mm	L1 in inches	1.8 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
BLZ 5.08/10/90 SN OR 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 (UL)



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



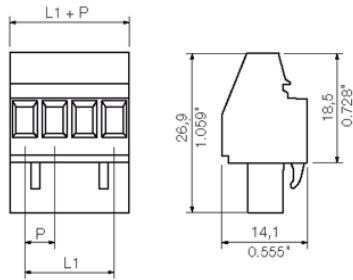
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Conform

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Drawings



OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

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	1837710000	PCB plug-in connector, male	4032248347520	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

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	1605610000	PCB plug-in connector, male	4008190178284	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/10/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/10/90LF 3.2SN BK BX	1780490000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165810	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/10/90LF 1.5SN BK BX	1775312001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157297	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

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 5.08/10/180FI SN OR BX	1846290000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362578	30 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR 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	1511160000	PCB plug-in connector, male	4008190052485	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 10,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, 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	1846440000	PCB plug-in connector,	4032248362745	30 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180F		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		poles: 10, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

SLZF 5.08/180B



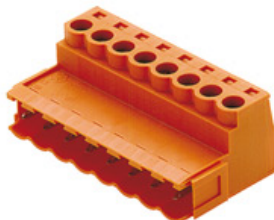
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 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	1710290000	PCB plug-in connector,	4008190319601	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°, 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	1627320000	PCB plug-in connector,	4008190199838	30 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR 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 5.08/10/90B SN OR BX	1673630000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 10, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435349	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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 5.08/10/180F 3.2SN BK BX	1820780000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248317646	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

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	1611790000	PCB plug-in connector,	4008190192679	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box				

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	1846590000	PCB plug-in connector,	4032248362899	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/20/180FLF 1.5SN BK BX	1829210000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335909	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/20/180FLF 3.2SN BK BX	1829090000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335787	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

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 5.08/20/180F 3.2SN BK BX	1828850000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335541	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/20/180F 1.5SN BK BX	1828970000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°,	4032248335664	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580940000	PCB plug-in connector, male	4008190105426	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

SLS 5.08TB RF15



Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. 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	1846080000	PCB plug-in connector,	4032248362363	10 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180TB		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
RF15 SN OR		poles: 10, 180°, Clamping				
BX		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

SLS 5.08TB KF35



Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. 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	1846160000	PCB plug-in connector,	4032248362448	10 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180TB		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
KF SN OR BX		poles: 10, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , 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	1706220000	PCB plug-in connector,	4032248197699	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/270B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 270°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (conditionally pluggable)

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	1797310000	PCB plug-in connector,	4032248238095	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/10/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1840430000	PCB plug-in connector,	4032248351275	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/10/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				

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	1520360000	PCB plug-in connector, male	4008190030612	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 10,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/10/90 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	1838520000	PCB plug-in connector,	4032248348589	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 10,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1776442001	PCB plug-in connector,	4032248159321	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 10,				
		180°, Solder pin length (l):				
		1.5 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	1847040000	PCB plug-in connector,	4032248363193	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180F		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (fully pluggable)

SL-SMT 5.08/90G Box



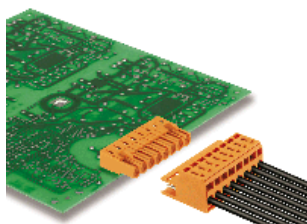
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780260000	PCB plug-in connector, male	4032248165582	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775082001	PCB plug-in connector, male	4032248156559	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

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	1709680000	PCB plug-in connector, male plug, 5.08 mm,	4008190318987	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180		No. of poles: 10, 180°, Tension clamp connection,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		Clamping range, rated connection, max.: 3.31 mm ² , Box				
SLZF	1709450000	PCB plug-in connector, male plug, 5.08 mm,	4008190950279	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180		No. of poles: 10, 180°, Tension clamp connection,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		Clamping range, rated				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (fully pluggable)

connection, max.: 3.31
mm², 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	1774842001	PCB plug-in connector, male	4032248155880	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1780030000	PCB plug-in connector, male	4032248165353	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 90°,				
		Solder pin length (l): 3.2				
		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

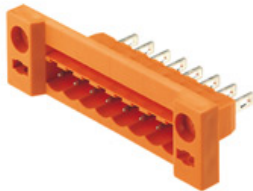
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1602470000	PCB plug-in connector,	4008190059958	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/20/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.08				
		mm, No. of poles: 20, 180°,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR 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 10 SN OR BX	1599210000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Flat- blade connection, Solder connection, Box	4008190065522	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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 5.08/20/90G 3.2SN OR BX	1601870000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190189624	20 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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Mating connector (fully pluggable)

SL 5.08/135



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The 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	1603140000	PCB plug-in connector,	4008190082123	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/10/135		male header, open side,			UL: 300 V / 15 A	
3.2SN OR BX		Solder connection, 5.08 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

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	1775682001	PCB plug-in connector, male	4032248158324	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1838060000	PCB plug-in connector, male	4032248348121	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1626060000	PCB plug-in connector, male	4008190197360	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90		header, open side, Solder connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
4.5SN BK BX						
SL	1571210000	PCB plug-in connector, male	4008190068325	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90		header, open side, Solder connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

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	1508860000	PCB plug-in connector, male	4008190089092	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/90		header, open side, Solder connection, 5.08 mm, No. of poles: 10, 90°, 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 5.08/10/90 SN OR BX

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Mating connector (fully pluggable)

SL 5.08/180



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The 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	1518060000	PCB plug-in connector,	4008190122539	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/180		male header, open side,			UL: 300 V / 15 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				

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	1838290000	PCB plug-in connector, male	4032248348350	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1776002001	PCB plug-in connector, male	4032248158997	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				