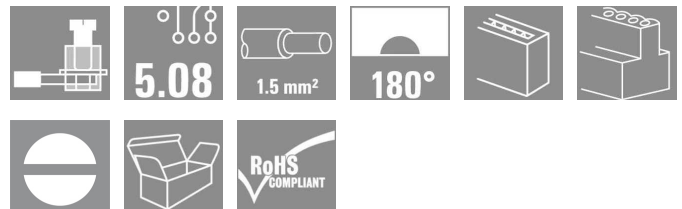


OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 SN OR BX

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Do not use product for new developments



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

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

General ordering data

Type	BLZ 5.08/07/180 SN OR BX
Order No.	1526960000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 7, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190179090
Qty.	50 pc(s).
Product data	IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
Packaging	Box

Creation date December 8, 2013 2:43:49 PM CET

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 SN OR BX

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Technical data

Dimensions and weights

Net weight	10.71 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	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	7
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	30.48 mm	L1 in inches	1.2 inch
Touch-safe protection acc. to DIN VDE 0470	IP 20	Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch

Material data

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

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 (T _u =20°C)	19 A	Rated current, max. no. of poles (T _u =20°C)	14.5 A
Rated current, number of poles (T _u =40°C), min	16 A	Rated current, number of poles (T _u =40°C), max.	12.5 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage class pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1 s with 120 A		

**OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/07/180 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) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

Classifications

ETIM 3.0	EC001284	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



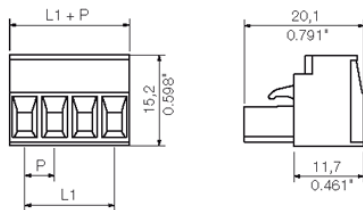
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Conform

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Drawings



OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 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	1837680000	PCB plug-in connector, male	4032248347490	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 7, 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	1605580000	PCB plug-in connector, male	4008190171940	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/07/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 7, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 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	1775282001	PCB plug-in connector,	4032248157266	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 7,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1780460000	PCB plug-in connector,	4032248165780	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 7,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, 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	1846260000	PCB plug-in connector,	4032248362547	36 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/07/180FI		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 7, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 SN OR BX

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Mating connector (conditionally pluggable)

SLS 5.08/180F



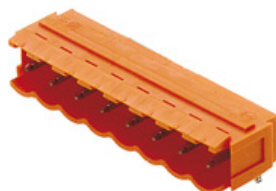
Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 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 5.08/07/180F SN OR BX	1846410000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 7, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362714 36 pc(s).		IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12	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 5.08/07/90B 3.2SN OR BX	1510860000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 7, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190086497 50 pc(s).		IEC: 400 V / 18 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 SN OR BX

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Mating connector (conditionally pluggable)

SLZF 5.08/180B



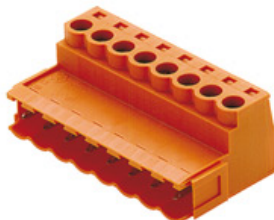
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 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	1710260000	PCB plug-in connector,	4008190319571	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/07/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 7, 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	1627290000	PCB plug-in connector,	4008190199807	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/07/180B		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 7, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 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 5.08/07/90B SN OR BX	1673600000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 7, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435318 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 5.08/07/180F 3.2SN BK BX	1837880000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347698 50 pc(s).		IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 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	1611760000	PCB plug-in connector,	4008190192648	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/07/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 7, 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	1846560000	PCB plug-in connector,	4032248362868	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/07/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 7, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/07/180 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	1828940000	PCB plug-in connector, male	4032248335633	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/14/180F		header, Flange, Reflow			UL: 300 V / 10 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 14, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SLDV-THR	1828820000	PCB plug-in connector, male	4032248335503	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/14/180F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1829180000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 14, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335879	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/14/180FLF					UL: 300 V / 10 A	
1.5SN BK BX						
SLDV-THR	1829060000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 14, 180°, Solder	4032248335756	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/14/180FLF					UL: 300 V / 10 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/07/180 SN OR BX

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Mating connector (conditionally pluggable)

pin length (l): 3.2 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	1580910000	PCB plug-in connector, male	4008190120733	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/07/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 7,				
		90°, 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	1706190000	PCB plug-in connector,	4032248198061	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/07/270B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 7, 270°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 SN OR 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	1520060000	PCB plug-in connector, male	4008190116095	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/07/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 7, Solder pin length (l): 3.2 mm, tinned, Orange, 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	1840400000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351244	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/07/90LF					UL: 300 V / 15 A	
3.2SN BK BX						
SL-SMT	1797280000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238064	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/07/90LF					UL: 300 V / 15 A	
1.5SN BK BX						

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 SN OR 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	1846990000	PCB plug-in connector,	4032248363155	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/07/180F		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 7, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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	1838490000	PCB plug-in connector,	4032248348558	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1776412001	PCB plug-in connector,	4032248159192	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 SN OR BX

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Mating connector (fully pluggable)

SL-SMT 5.08/180G Tape



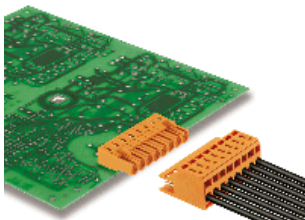
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 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
Conform	1775974001	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248160198	250 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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

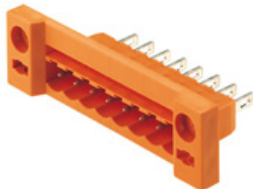
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 5.08/07/180 SN BK BX	1709650000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 7, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318956	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
SLZF 5.08/07/180 SN OR BX	1709420000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 7, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190395032	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 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 7 SN OR BX	1599180000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 7, 180°, Flat- blade connection, Solder connection, Box	4008190016999	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDF 5.08 L/F 7 SN BK	1635790000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 7, 180°, Flat- blade connection, Solder connection, Box	4008190264222	50 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 5.08/07/180 3.2SN OR BX	1517760000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190096373	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 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	1780230000	PCB plug-in connector, male	4032248165551	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775052001	PCB plug-in connector, male	4032248156511	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

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	1775654001	PCB plug-in connector, male	4032248159635	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/07/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 SN OR 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	1774812001	PCB plug-in connector, male	4032248155859	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 7, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1780000000	PCB plug-in connector, male	4032248165322	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 7, 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	1602440000	PCB plug-in connector,	4008190166830	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/14/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.08				
		mm, No. of poles: 14, 180°,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/07/180 SN OR 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	1601840000	PCB plug-in connector, male	4008190188696	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/14/90G		header, closed side, Solder connection, 5.08 mm, No. of poles: 14, 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	1603110000	PCB plug-in connector, male	4008190166267	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/07/135		header, open side, Solder connection, 5.08 mm, No. of poles: 7, 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 5.08/07/180 SN OR 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	1775652001	PCB plug-in connector, male	4032248157594	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180		header, open side, Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
SL-SMT	1838030000	PCB plug-in connector, male	4032248348091	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180		header, open side, Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 15 A	

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	1571180000	PCB plug-in connector, male	4008190177782	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/07/90		header, open side, Solder connection, 5.00 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/07/180 SN OR BX

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Mating connector (fully pluggable)

SL 5.08/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1508560000	PCB plug-in connector, male	4008190097257	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/07/90		header, open side, Solder connection, 5.08 mm, No. of poles: 7, 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	1775972001	PCB plug-in connector, male	4032248158966	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180G		header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
1.5SN BK BX						
SL-SMT	1838260000	PCB plug-in connector, male	4032248348329	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/07/180G		header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 7, 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 5.08/07/180 SN OR 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	1774814001	PCB plug-in connector, male	4032248167708	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/07/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 7, 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	1775054001	PCB plug-in connector, male	4032248167777	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/07/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

