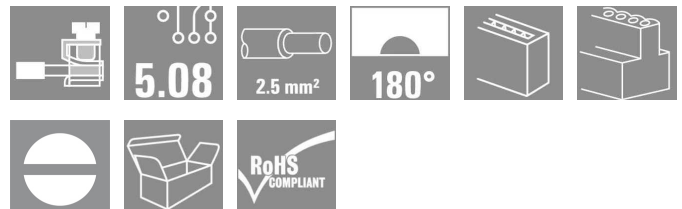
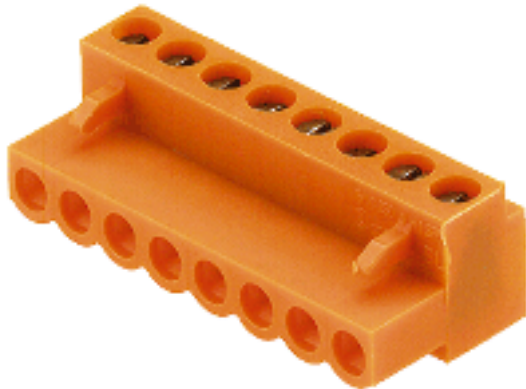


OMNIMATE Signal - series BL/SL 5.08
BL 5.08/08/180 SN OR BX

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Female plugs with leaf-spring wire connection system.
The female plugs provide space for labelling.

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Type	BL 5.08/08/180 SN OR BX
Order No.	1716380000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 8, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box
GTIN (EAN)	4008190376420
Qty.	50 pc(s).
Product data	IEC: 400 V / 14 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14
Packaging	Box

Creation date August 2, 2013 11:34:44 AM CEST

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 SN OR BX

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Technical data

Dimensions and weights

Net weight	10.73 g
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System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Pressure clamp connection
Conductor outlet direction	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	8
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	6 mm
L1 in mm	35.56 mm	L1 in inches	1.4 inch
Touch-safe protection acc. to DIN VDE 0470	IP 00		

Material data

Insulating material	PA	Colour	Orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-2
CTI	≥ 600	Contact material	CuSn
Contact surface	tinned		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	2.08 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.4 mm x 1.5 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	14 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

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

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 14

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 14

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	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
- Do not tighten screws in inserted condition
- 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



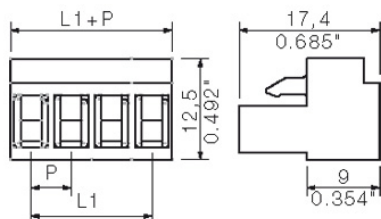
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Conform

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BL 5.08/08/180 SN OR BX

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Drawings



OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1775062001	PCB plug-in connector, male	4032248156528	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1780240000	PCB plug-in connector, male	4032248165568	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1517860000	PCB plug-in connector, male	4008190170264	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/08/180		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1603120000	PCB plug-in connector, male	4008190159771	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/08/135		header, open side, Solder connection, 5.08 mm, No. of poles: 8, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

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

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 SN OR 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	1775664001	PCB plug-in connector, male	4032248159642	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/08/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 SN OR BX

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Mating connector (fully pluggable)

SLD 5.08/180G



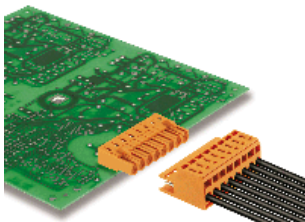
2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 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	1602450000	PCB plug-in connector,	4008190180171	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/16/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, 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	1709660000	PCB plug-in connector,	4008190318963	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/08/180		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 8, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
SLZF	1709430000	PCB plug-in connector,	4008190395919	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/08/180		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 8, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1774824001	PCB plug-in connector, male	4032248167715	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/08/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

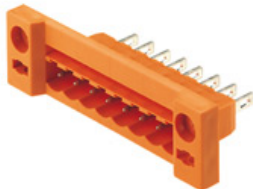
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1838270000	PCB plug-in connector, male	4032248348336	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775982001	PCB plug-in connector, male	4032248158973	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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 8 SN OR BX	1599190000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 8, 180°, Flat- blade connection, Solder connection, Box	4008190126544	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SL-SMT 5.08/90 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/08/90 3.2SN BK BX	1780010000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165339	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/08/90 1.5SN BK BX	1774822001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248155866	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1601850000	PCB plug-in connector, male	4008190112028	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/16/90G		header, closed side, Solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2SN OR BX						

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	1775662001	PCB plug-in connector, male	4032248157600	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180		header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
1.5SN BK BX						
SL-SMT	1838040000	PCB plug-in connector, male	4032248348107	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180		header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 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 BL 5.08/08/180 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	1846150000	PCB plug-in connector,	4032248362431	10 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/180TB		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
KF SN OR BX		of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , 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	1580920000	PCB plug-in connector, male	4008190072858	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/08/90B		header, Dovetails for fixing blocks, Solder connection,			UL: 300 V / 15 A	
3.2SN OR BX		5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/08/180 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	1828950000	PCB plug-in connector, male	4032248335640	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/16/180F		header, Flange, Reflow			UL: 300 V / 10 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SLDV-THR	1828830000	PCB plug-in connector, male	4032248335527	20 pc(s).	IEC: 400 V / 15 A	Box
5.08/16/180F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1706200000	PCB plug-in connector, male plug, 5.08 mm,	4032248113965	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/270B		No. of poles: 8, 270°, Tension clamp connection,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/08/180 SN OR BX

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Mating connector (conditionally pluggable)

SL 5.08/135B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1605590000	PCB plug-in connector, male	4008190027155	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/08/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 8,				
		135°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		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	1837690000	PCB plug-in connector, male	4032248347506	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 8, 90°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1611770000	PCB plug-in connector,	4008190192655	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/08/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 8, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , 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	1846270000	PCB plug-in connector,	4032248362554	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/180FI		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 SN OR BX

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Mating connector (conditionally pluggable)

SL 5.08/90B



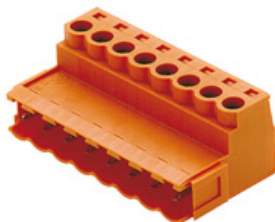
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 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	1510960000	PCB plug-in connector, male	4008190167295	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/08/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 8,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, 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	1627300000	PCB plug-in connector,	4008190199814	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/180B		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 8, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 SN OR 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	1820620000	PCB plug-in connector, male	4032248316588	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL-SMT 5.00/90LF Box



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

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

General ordering data

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

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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	1846420000	PCB plug-in connector,	4032248362721	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/180F		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 8, 180°, Clamping yoke 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	1838500000	PCB plug-in connector,	4032248348565	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1776422001	PCB plug-in connector,	4032248159208	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/08/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/08/180 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 5.08/08/90B SN OR BX	1673610000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 8, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435325	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

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 5.08/08/180TB RF15 SN OR BX	1846070000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362356	10 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 BL 5.08/08/180 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 5.08/08/180F SN OR BX	1847000000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 8, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248363179	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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 5.08/16/180FLF 3.2SN BK BX	1829070000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335763	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/16/180FLF 1.5SN BK BX	1829190000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335886	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/08/180 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	1710270000	PCB plug-in connector,	4008190319588	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/08/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 8, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 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	1846570000	PCB plug-in connector,	4032248362875	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/08/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 8, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

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

SL-SMT 5.08/90LF Box



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

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

General ordering data

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

