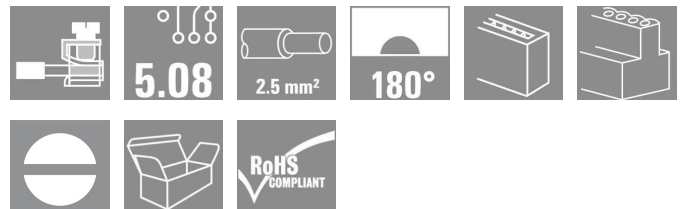
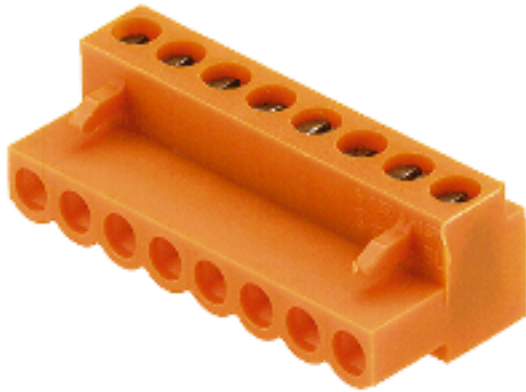


OMNIMATE Signal - series BL/SL 5.08
BL 5.08/02/180 SN BK BX

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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 5.08/02/180 SN BK BX
Order No.	1716470000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box
GTIN (EAN)	4008190376512
Qty.	100 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 29, 2013 10:45:08 AM CEST

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Technical data

Dimensions and weights

Net weight 2.73 g

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	2
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	5.08 mm	L1 in inches	0.2 inch
Touch-safe protection acc. to DIN VDE 0470	IP 00		

Material data

Insulating material	PA	Colour	Black
Colour chart (similar)	RAL 9011	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

BL 5.08/02/180 SN BK BX

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Technical data

CSA rating data

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 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 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



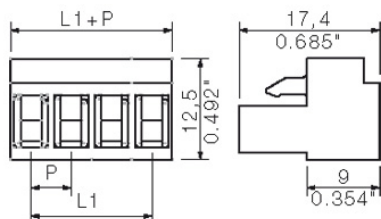
ROHS

Conform

OMNIMATE Signal - series BL/SL 5.08
BL 5.08/02/180 SN BK BX

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Drawings



OMNIMATE Signal - series BL/SL 5.08

BL 5.08/02/180 SN BK 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	1837630000	PCB plug-in connector, male	4032248347445	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1846510000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362813	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/02/180FI					UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK 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 5.08/04/180FLF 1.5SN BK BX	1829130000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335824	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/04/180FLF 3.2SN BK BX	1829010000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335701	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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 5.08/02/180F SN OR BX	1846360000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362066	100 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 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SLZF 5.08/180F



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846930000	PCB plug-in connector,	4032248363100	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/02/180F		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , 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	1797230000	PCB plug-in connector,	4032248238019	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1840350000	PCB plug-in connector,	4032248351091	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/02/180 SN BK 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	1605530000	PCB plug-in connector, male	4008190104290	100 pc(s).	IEC: 400 V / 17 A	Box
5.08/02/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 2,				
		135°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

SLZF 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1710210000	PCB plug-in connector,	4008190319526	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/02/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SLT 5.08B



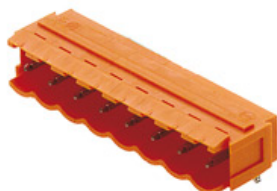
Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

- 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	1611710000	PCB plug-in connector,	4008190192594	100 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/02/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 2, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 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

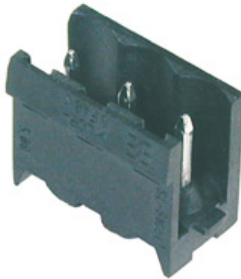
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580860000	PCB plug-in connector, male	4008190054489	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/02/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMarT 5.0x/180 Tape



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMART	1812450000	PCB plug-in connector, male	4032248294039	270 pc(s).	IEC: 400 V / 16.5 A	Tape
5.0X/02/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00				
		mm, No. of poles: 2, 180°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

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	1776362001	PCB plug-in connector,	4032248159147	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1838440000	PCB plug-in connector,	4032248348503	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 5.08/90LF Tape



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775234001	PCB plug-in connector,	4032248167784	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

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

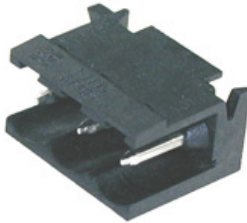
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1673550000	PCB plug-in connector,	4008190435264	100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/02/90B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 2, 90°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMarT 5.0x/90 Tape



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMART	1812430000	PCB plug-in connector, male	4032248294015	350 pc(s).	IEC: 400 V / 16.5 A	Tape
5.0X/02/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00				
		mm, No. of poles: 2, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

SL-SMT 5.08/90LF Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780410000	PCB plug-in connector,	4032248165735	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1775232001	PCB plug-in connector,	4032248157211	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK 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	1828770000	PCB plug-in connector, male	4032248335442	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/04/180F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SLDV-THR	1828890000	PCB plug-in connector, male	4032248335589	50 pc(s).	IEC: 400 V / 15 A	Box
5.08/04/180F		header, Flange, Reflow			UL: 300 V / 10 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, 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	1837860000	PCB plug-in connector, male	4032248347674	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1837320000	PCB plug-in connector, male	4032248345915	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180F		header, Flange, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 180°				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

Solder pin length (l): 1.5
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	1846210000	PCB plug-in connector,	4032248362493	100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/02/180FI		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , 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	1519560000	PCB plug-in connector, male	4008190083892	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/02/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 2, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

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	1627240000	PCB plug-in connector,	4008190199753	100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/02/180B		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SL-SMT 5.08/180LF Tape



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1776364001	PCB plug-in connector,	4032248163472	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL 5.08/90B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1510360000	PCB plug-in connector, male	4008190180188	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/02/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 2,				
		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	1706140000	PCB plug-in connector,	4032248113996	100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/02/270B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 2, 270°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08
BL 5.08/02/180 SN BK BX

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Mating connector (conditionally pluggable)**SL-SMT 5.00/90LF Tape**

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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797750000	PCB plug-in connector,	4032248239757	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/02/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK RL		Reflow solder connection,				
		5.00 mm, No. of poles: 2,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/90G Tape



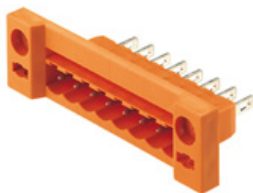
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 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	1821140000	PCB plug-in connector, male	4032248319787	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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	1635740000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Flat-blade connection, Solder connection, Box	4008190264161	100 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
2 SN BK BX						
SLDF 5.08 L/F	1599130000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Flat-blade connection, Solder connection, Box	4008190175931	100 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
2 SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK 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	1775002001	PCB plug-in connector, male	4032248156023	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1780180000	PCB plug-in connector, male	4032248165506	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL 5.00/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1571130000	PCB plug-in connector, male	4008190156121	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/02/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				
SL	1625990000	PCB plug-in connector, male	4008190197292	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/02/90		header, open side, Solder			UL: 300 V / 15 A	
4.5SN BK BX		connection, 5.00 mm, No. of poles: 2, 90°, Solder pin				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

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

SL 5.08/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1508060000	PCB plug-in connector, male	4008190189006	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/02/90		header, open side, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

SL 5.08/135



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1603060000	PCB plug-in connector, male	4008190095512	100 pc(s).	IEC: 400 V / 17 A	Box
5.08/02/135		header, open side, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

SLD 5.08/90G



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1601790000	PCB plug-in connector, male	4008190055752	50 pc(s).	IEC: 400 V / 11 A	Box
5.08/04/90G		header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2SN OR BX						

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	1821160000	PCB plug-in connector, male	4032248319800	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/90		header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape			UL: 300 V / 15 A	
1.5 SN BK RL						

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/180 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775522001	PCB plug-in connector, male	4032248157549	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1837980000	PCB plug-in connector, male	4032248348046	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL-SMT 5.08/180G Tape



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1820170000	PCB plug-in connector, male	4032248315680	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08 BL 5.08/02/180 SN BK 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	1517260000	PCB plug-in connector, male	4008190034795	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/02/180		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, 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	1821100000	PCB plug-in connector, male	4032248319749	250 pc(s).	IEC: 400 V / 19 A	Tape
5.08/02/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.08

BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.08/90 Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1774762001	PCB plug-in connector, male	4032248155699	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 2, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1779950000	PCB plug-in connector, male	4032248165278	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 2, 90°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, 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	1838210000	PCB plug-in connector, male	4032248348275	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 2, 180°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				
SL-SMT	1775922001	PCB plug-in connector, male	4032248158911	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/02/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 2, 180°,				

OMNIMATE Signal - series BL/SL 5.08

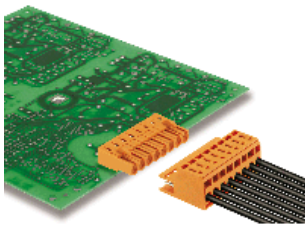
BL 5.08/02/180 SN BK BX

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Mating connector (fully pluggable)

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 5.08/02/180 SN OR BX	1709370000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190390150	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box
SLZF 5.08/02/180 SN BK BX	1709600000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318901	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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 5.08/04/180G 3.2SN OR BX	1602390000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin	4008190180539	50 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08
BL 5.08/02/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (fully pluggable)

length (l): 3.2 mm, tinned,
Orange, Box

