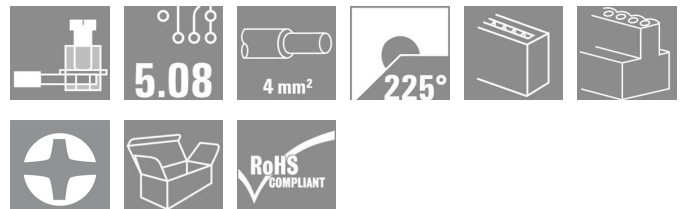


OMNIMATE Signal - series BL/SL 5.08

BLZP 5.08HC/16/225 SN OR BX

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



Clamping-yoke wire connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Type	BLZP 5.08HC/16/225 SN OR BX
Order No.	1946390000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 16, 225°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box
GTIN (EAN)	4032248622160
Qty.	18 pc(s).
Product data	IEC: 400 V / 17.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12
Packaging	Box

Creation date October 27, 2013 10:47:46 PM CET

OMNIMATE Signal - series BL/SL 5.08

BLZP 5.08HC/16/225 SN OR BX

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Technical data

Dimensions and weights

Net weight	28.78 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	225°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	16
Screwdriver blade	0.6 x 3.5, PH 0, PZ 0	Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	76.2 mm	L1 in inches	3 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		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	4 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 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	17.5 A	Rated current, max. no. of poles (Tu=20°C)	14 A
Rated current, number of poles (Tu=40°C), min	14 A	Rated current, number of poles (Tu=40°C), max.	12 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 BLZP 5.08HC/16/225 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 C) 50 V

Rated voltage (use group D) 300 V

Rated current (use group D) 15 A

Wire cross-section, AWG, min. AWG 30

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 30

Wire cross-section, AWG, max. AWG 12

Classifications

UNSPSC 30-21-18-01

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



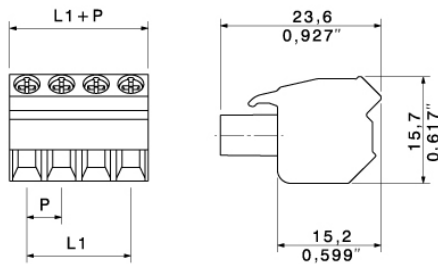
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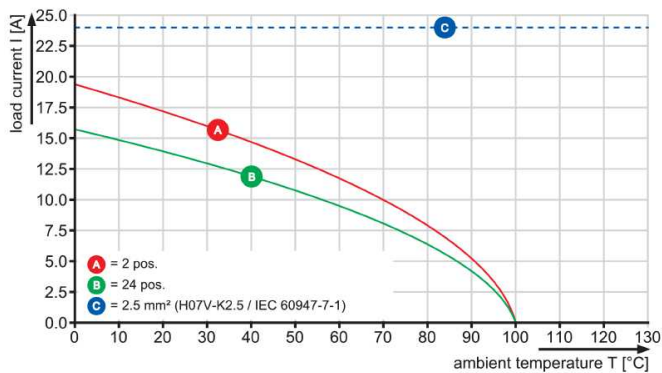
OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Drawings



BLZP 5.08/..../225 - SL 5.08/..../90



OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 5.00/90LF Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.00/16/90LF 3.2SN BK BX	1840490000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351336	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.00/16/90LF 1.5SN BK BX	1797370000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 16, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238156	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 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 5.08/16/180F SN OR BX	1846500000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362806	50 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 BLZF 5.08HC/16/225 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 5.08/16/180F SN OR BX	1847170000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248363254	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 5.08/180F



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.08/32/180F 3.2SN BK BX	1866330000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 32, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248470457	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/32/180F 1.5SN BK BX	1881330000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 32, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248482634	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZF 5.08HC/16/225 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	1710350000	PCB plug-in connector,	4008190319663	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/16/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 16, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SLT 5.08B



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

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLT	1611850000	PCB plug-in connector,	4008190192730	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/16/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 16, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

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	1846100000	PCB plug-in connector,	4032248362387	5 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/16/180TB		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
RF15 SN OR		poles: 16, 180°, Clamping				
BX		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , 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	1605670000	PCB plug-in connector, male	4008190153816	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/16/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 16,				
		135°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR 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 5.08/16/180B SN OR BX	1627380000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190199890	18 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12	Box

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 5.08/16/90B SN OR BX	1673690000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435400	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

OMNIMATE Signal - series BL/SL 5.08 BLZF 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

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 5.08/16/270B SN OR BX	1706280000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248197828	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 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 5.08/16/180TB KF SN OR BX	1846180000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362462	5 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 BLZF 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

SLZF 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 5.08/16/180FI SN OR BX	1846650000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362950	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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 5.08/16/180LF 1.5SN BK BX	1776502001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159383	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/16/180LF 3.2SN BK BX	1838580000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348640	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

SL 5.08/90B



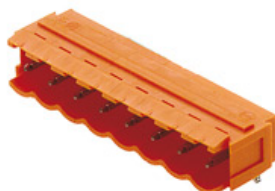
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 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	1511760000	PCB plug-in connector, male	4008190020552	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/16/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 16,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, 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	1581000000	PCB plug-in connector, male	4008190145262	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/16/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 16,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Mating connector (conditionally pluggable)

SLDV-THR 5.08/180FLF



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.08/32/180FLF 3.2SN BK BX	1866320000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 32, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248470440	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/32/180FLF 1.5SN BK BX	1881510000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 32, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248482849	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SLS 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS 5.08/16/180FI SN OR BX	1846350000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362639	50 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 BLZP 5.08HC/16/225 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	1820640000	PCB plug-in connector, male	4032248316601	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/180F		header, Flange, Reflow			UL: 300 V / 15 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				

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	1780570000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165872	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90LF					UL: 300 V / 15 A	
3.2SN BK BX						
SL-SMT	1775372001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157358	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90LF					UL: 300 V / 15 A	
1.5SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 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	1520960000	PCB plug-in connector, male	4008190145149	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/16/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 16, 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	1837770000	PCB plug-in connector, male	4032248347582	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 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	1602530000	PCB plug-in connector,	4008190071387	10 pc(s).	IEC: 400 V / 11 A	Box
5.08/32/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.08 mm, No. of poles: 32, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SLD 5.08/90G



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1601930000	PCB plug-in connector, male	4008190067779	10 pc(s).	IEC: 400 V / 11 A	Box
5.08/32/90G		header, closed side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 32, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 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	1780320000	PCB plug-in connector, male	4032248165643	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775142001	PCB plug-in connector, male	4032248156719	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

SL 5.00/90



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

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

General ordering data

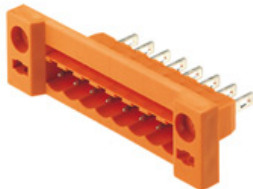
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1571260000	PCB plug-in connector, male	4008190136192	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/16/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 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 16 SN OR BX	1599270000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 16, 180°, Flat- blade connection, Solder connection, Box	4008190066826	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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

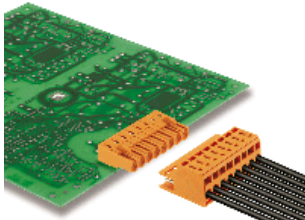
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 5.08/16/135 3.2SN OR BX	1603200000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 16, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190123635	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZF 5.08HC/16/225 SN OR BX

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Mating connector (fully pluggable)

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 5.08/16/180 SN OR BX	1709510000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318819 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 5.08/16/180 SN BK BX	1709740000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 16, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190319045 50 pc(s).		IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	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 5.08/16/180 3.2SN OR BX	1518660000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190083304 50 pc(s).		IEC: 400 V / 18 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 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	1838120000	PCB plug-in connector, male	4032248348183	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/180		header, open side, Reflow			UL: 300 V / 15 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				
SL-SMT	1775742001	PCB plug-in connector, male	4032248158393	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/180		header, open side, Reflow			UL: 300 V / 15 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				

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	1509460000	PCB plug-in connector, male	4008190147464	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/16/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZP 5.08HC/16/225 SN OR BX

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Mating connector (fully pluggable)

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	1776272001	PCB plug-in connector, male	4032248159055	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/180G		header, closed side, Reflow			UL: 300 V / 15 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				
SL-SMT	1838350000	PCB plug-in connector, male	4032248348411	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/180G		header, closed side, Reflow			UL: 300 V / 15 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				

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	1780090000	PCB plug-in connector, male	4032248165414	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1774902001	PCB plug-in connector, male	4032248155842	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/16/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 16, 90°				

OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/16/225 SN OR BX

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Mating connector (fully pluggable)

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