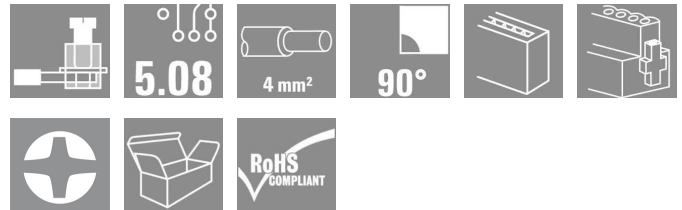


OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX

Weidmüller Interface GmbH & Co. KG
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Female plugs with clamping-yoke screw connection for wire connection and a right-angle (90° or 270°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

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

General ordering data

Type	BLZP 5.08HC/08/90F SN BK BX
Order No.	1950100000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 8, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box
GTIN (EAN)	4032248628032
Qty.	36 pc(s).
Product data	IEC: 400 V / 15.5 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12
Packaging	Box

Creation date December 15, 2013 7:53:23 PM CET

OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX

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Technical data
Dimensions and weights

Net weight 16.02 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Clamping yoke connection
Conductor outlet direction	90°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	8
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	35.56 mm	L1 in inches	1.4 inch
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Black
Colour chart (similar)	RAL 9011	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)	15.5 A	Rated current, max. no. of poles (Tu=20°C)	13 A
Rated current, number of poles (Tu=40°C), min	12 A	Rated current, number of poles (Tu=40°C), max.	10.5 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage class pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F 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)	15 A
Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 30

Rated voltage (Use group C)	50 V
Rated current (use group D)	15 A
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 current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 12

Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 30

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



ROHS

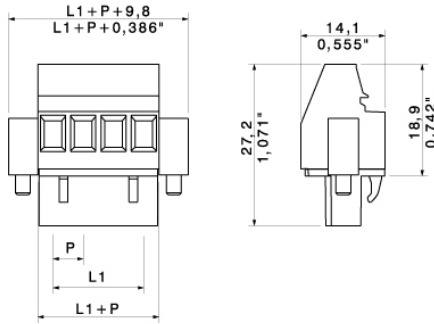
Conform

Data sheet

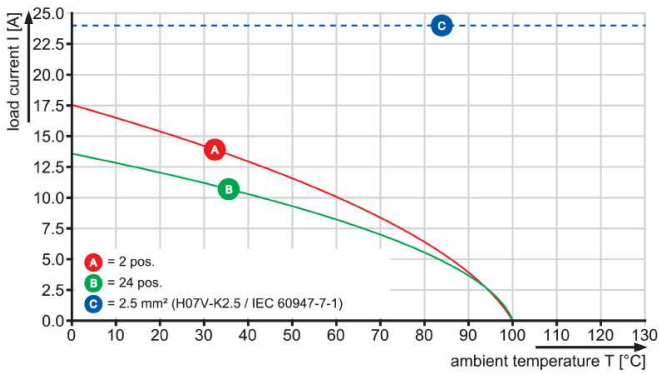
**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Drawings

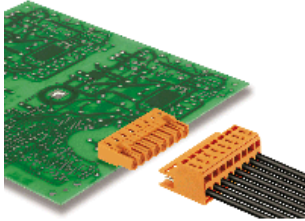


BLZP 5.08/./90 - SL 5.08/./90



**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally 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 5.08/08/180 SN OR BX	1709430000	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	4008190395919	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 5.08/08/180 SN BK BX	1709660000	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	4008190318963	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 5.08/135B


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 5.08/08/135B 3.2SN OR BX	1605590000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 8, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190027155	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F 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	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				

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

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally pluggable)
SL 5.00/180B


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	1581840000	PCB plug-in connector, male	4008190026547	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/08/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.00 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, 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	1673610000	PCB plug-in connector, male plug, 5.08 mm,	4008190435325	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/90B		No. of poles: 8, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX						

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F 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 5.08/08/180B SN OR BX	1627300000	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	4008190199814	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

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 5.08/08/180 3.2SN OR BX	1517860000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190170264	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally 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 5.08/08/90G 3.2SN BK BX	1780240000	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165568	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/08/90G 1.5SN BK BX	1775062001	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248156528	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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 5.08/08/180 1.5 SN BK RL	1775664001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248159642	250 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Tape

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F 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 5.08/08/180B SN OR BX	1611770000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 8, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190192655	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 14	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
BLZP 5.08HC/08/90F SN BK 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 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

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 5.00/08/90B 3.2SN OR BX	1580920000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190072858	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally 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 5.08/16/180G 3.2SN OR BX	1602450000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190180171	20 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	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 5.08/08/180TB KF SN OR BX	1846150000	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	4032248362431	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
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally 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,			UL: 300 V / 10 A	
3.2SN OR BX		Orange, Box				

SL 5.08/135


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	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,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (conditionally 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 5.08/08/180 1.5SN BK BX	1775662001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157600	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/08/180 3.2SN BK BX	1838040000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348107	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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 5.00/08/90 4.5SN BK BX	1626040000	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	4008190197346	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box
SL 5.00/08/90 3.2SN OR BX	1571190000	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 8, 90°, Solder pin	4008190016920	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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 www.weidmueller.com

Mating connector (conditionally pluggable)

length (l): 3.2 mm, tinned,
 Orange, 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	1508660000	PCB plug-in connector, male	4008190178376	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/08/90		header, open side, Solder connection, 5.08 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						

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, No. of poles: 8, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248113965	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/08/270B					UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX						

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Mating connector (conditionally 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 UL: 300 V / 15 A	Tape
5.08/08/90		header, open side, Reflow				
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	1775982001	PCB plug-in connector, male	4032248158973	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
5.08/08/180G		header, closed side, Reflow				
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1838270000	PCB plug-in connector, male	4032248348336	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
5.08/08/180G		header, closed side, Reflow				
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK 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				

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (fully 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	1837690000	PCB plug-in connector, male	4032248347506	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
5.08/08/90F		header, Flange, Reflow				
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-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 UL: 300 V / 15 A	Box
5.08/08/180F		header, Flange, Reflow				
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (fully 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 5.08/16/180FLF 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
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 5.08/180F


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 5.08/16/180F 1.5SN BK BX	1828950000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335640	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/16/180F 3.2SN BK BX	1828830000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 16, 180°,	4032248335527	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (fully pluggable)

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 5.08/08/90LF 1.5SN BK BX	1775292001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157273	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/08/90LF 3.2SN BK BX	1780470000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165797	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 5.08/08/180F SN OR BX	1846420000	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	4032248362721	36 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 14 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
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Mating connector (fully 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 5.00/08/90LF 1.5SN BK BX	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 UL: 300 V / 15 A	Box
SL-SMT 5.00/08/90LF 3.2SN BK BX	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 UL: 300 V / 15 A	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 5.08/08/180LF 1.5SN BK BX	1776422001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159208	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/08/180LF 3.2SN BK BX	1838500000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 8,	4032248348565	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZP 5.08HC/08/90F SN BK BX**

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Mating connector (fully pluggable)

180°, Solder pin length (l):
 3.2 mm, tinned, Black, Box

SLZF 5.08/180F


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 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