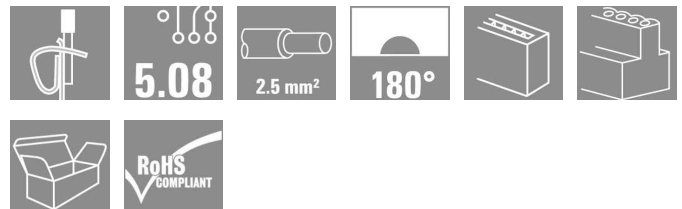


OMNIMATE Signal - series BL/SL 5.08 BLZF 5.08/09/180 SN OR BX

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

Do not use product for new
developments



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

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

General ordering data

Type	BLZF 5.08/09/180 SN OR BX
Order No.	1707530000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190950194
Qty.	36 pc(s).
Product data	IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12
Packaging	Box

Creation date October 22, 2013 4:02:55 PM CEST

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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

Technical data**Dimensions and weights**

Net weight	16.07 g
------------	---------

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	Tension clamp connection
Conductor outlet direction	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	9
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264-A
Stripping length	10 mm	L1 in mm	40.64 mm
L1 in inches	1.6 inch	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.	3.31 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	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.	1.5 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	17 A	Rated current, max. no. of poles (Tu=20°C)	12.5 A
Rated current, number of poles (Tu=40°C), min	14.5 A	Rated current, number of poles (Tu=40°C), max.	11 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		

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

Creation date October 22, 2013 4:02:55 PM CEST

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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

Technical data

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.2	27-26-07-04
eClass 7.1	27-44-04-02		

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

Approvals

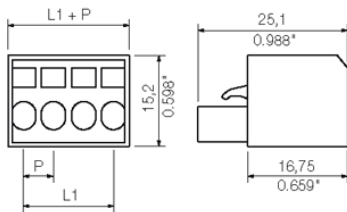


ROHS

Conform

Data sheet**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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

Drawings

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (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 5.08/09/135B 3.2SN OR BX	1605600000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 9, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190142940	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	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 5.08/09/180B 3.2SN OR BX	1520260000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 9, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190120412	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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

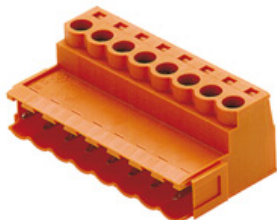
Mating connector (conditionally pluggable)
SL 5.00/90B


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 5.00/09/90B 3.2SN OR BX	1580930000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190143671	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

SLS 5.08/180B


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS 5.08/09/180B SN OR BX	1627310000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190199821	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 5.08/09/180 SN OR 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 (conditionally pluggable)
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 5.08/09/180FI SN OR BX	1846280000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362561	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

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 5.08/09/180F SN OR BX	1846430000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362738	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 5.08/09/180 SN OR 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 (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 5.08/09/270B SN OR BX	1706210000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248198092	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

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 5.08/18/180FLF 1.5SN BK BX	1829200000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 18, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335893	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/18/180FLF 3.2SN BK BX	1829080000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 18, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335770	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (conditionally pluggable)
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 5.08/09/180LF 1.5SN BK BX	1776432001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159314	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/180LF 3.2SN BK BX	1838510000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348572	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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 5.08/09/90LF 3.2SN BK BX	1780480000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165803	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/90LF 1.5SN BK BX	1775302001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 9,	4032248157280	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (conditionally pluggable)

90°, Solder pin length (l):
1.5 mm, tinned, Black, 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 5.08/09/180B SN OR BX	1611780000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box	4008190192662	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 5.08/90F 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 5.08/09/90F 3.2SN BK BX	1837700000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347513	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (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 5.08/09/180B SN OR BX	1710280000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190319595	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 5.08/180F Box


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/09/180F 3.2SN BK BX	1837890000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248347704	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (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 5.08/18/180F 3.2SN BK BX	1828840000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 18, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335534	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/18/180F 1.5SN BK BX	1828960000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 18, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335657	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SLZF 5.08/180FI


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

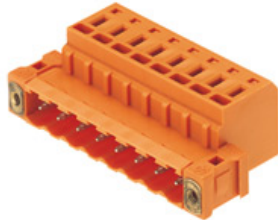
- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 5.08/09/180FI SN OR BX	1846580000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362882	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (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 5.08/09/180F SN OR BX	1847020000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248363186	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 5.08/90B


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 5.08/09/90B 3.2SN OR BX	1511060000	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 9, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190135058	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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 (conditionally pluggable)
SLZF 5.08/90B


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 5.08/09/90B SN OR BX	1673620000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190435332	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

SL-SMT 5.00/90LF 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 5.00/09/90LF 3.2SN BK BX	1840420000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351268	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.00/09/90LF 1.5SN BK BX	1797300000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 9, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238088	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)
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 5.08/09/180G 3.2SN BK BX	1838280000	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348343	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/180G 1.5SN BK BX	1775992001	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248158980	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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 5.08/09/90 3.2SN OR BX	1508760000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190152833	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)
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 5.08/09/180 3.2SN BK BX	1838050000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348114	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/180 1.5SN BK BX	1775672001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248158317	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

SL 5.08/180


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 5.08/09/180 3.2SN OR BX	1517960000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 9, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190137090	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)
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 5.08/18/180G 3.2SN OR BX	1602460000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 18, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190156794	20 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	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 5.08/18/90G 3.2SN OR BX	1601860000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 18, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190186944	20 pc(s).	IEC: 400 V / 11 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)
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 5.08/09/90G 1.5SN BK BX	1775072001	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248156542	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/90G 3.2SN BK BX	1780250000	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248165575	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 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.

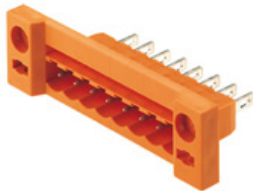
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 5.08/09/135 3.2SN OR BX	1603130000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 9, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190044299	50 pc(s).	IEC: 400 V / 17 A UL: 300 V / 15 A	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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

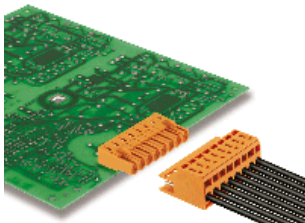
Mating connector (fully pluggable)
SLDF 5.08


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 9 SN OR BX	1599200000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 9, 180°, Flat- blade connection, Solder connection, Box	4008190084387	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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 5.08/09/180 SN BK BX	1709670000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190318970	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 5.08/09/180 SN OR BX	1709440000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 9, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4008190950262	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)
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 5.00/09/90 3.2SN OR BX	1571200000	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 9, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190012571	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box
SL 5.00/09/90 4.5SN BK BX	1626050000	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 9, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	4008190197353	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

SL-SMT 5.08/90 Box


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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/09/90 1.5SN BK BX	1774832001	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248155873	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/09/90 3.2SN BK BX	1780020000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 9, 90°	4032248165346	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

Data sheet

**OMNIMATE Signal - series BL/SL 5.08
BLZF 5.08/09/180 SN OR 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)

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

