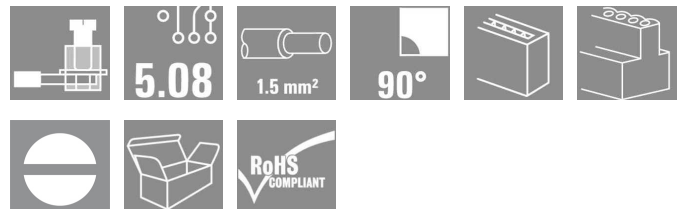


OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/10/90 SN OR BX

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 clamping-yoke screw connection.
 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)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	BLZ 5.08/10/90 SN OR BX
Order No.	1553560000
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 10, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
GTIN (EAN)	4008190016852
Qty.	36 pc(s).
Product data	IEC: 400 V / 15 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12
Packaging	Box

Creation date August 2, 2013 11:42:41 AM CEST

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 19.722 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	10
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	45.72 mm	L1 in inches	1.8 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.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (T _u =20°C)	15 A	Rated current, max. no. of poles (T _u =20°C)	12 A
Rated current, number of poles (T _u =40°C), min	12 A	Rated current, number of poles (T _u =40°C), max.	10 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage class pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1 s with 120 A		

**OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/10/90 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**CSA rating data**

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 26

Wire cross-section, AWG, max. AWG 12

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	eClass 5.1	27-26-07-04
eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Notes

Notes

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

Approvals

Approvals



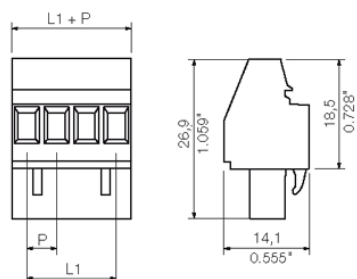
ROHS

Conform

OMNIMATE Signal - series BL/SL 5.08
BLZ 5.08/10/90 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 BLZ 5.08/10/90 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	1775082001	PCB plug-in connector, male	4032248156559	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1780260000	PCB plug-in connector, male	4032248165582	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL 5.08/180



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1518060000	PCB plug-in connector, male header, open side,	4008190122539	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/180		Solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/135



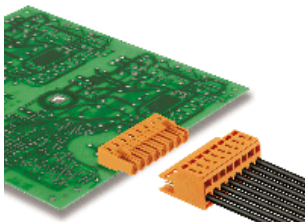
Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 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	1603140000	PCB plug-in connector,	4008190082123	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/10/135		male header, open side,			UL: 300 V / 15 A	
3.2SN OR BX		Solder connection, 5.08 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SLZF 5.08/180



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1709680000	PCB plug-in connector,	4008190318987	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN BK BX		No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				
SLZF	1709450000	PCB plug-in connector,	4008190950279	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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	1776002001	PCB plug-in connector, male	4032248158997	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1838290000	PCB plug-in connector, male	4032248348350	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL 5.00/90



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1626060000	PCB plug-in connector, male	4008190197360	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90		header, open side, Solder			UL: 300 V / 15 A	
4.5SN BK BX		connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box				
SL	1571210000	PCB plug-in connector, male	4008190068325	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No. of poles: 10, 90°, Solder pin				

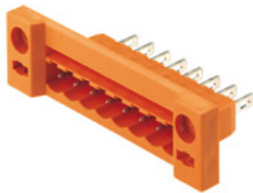
OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 SN OR BX

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)

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

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 10 SN OR BX	1599210000	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Flat- blade connection, Solder connection, Box	4008190065522	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 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 5.08/10/90 3.2SN OR BX	1508860000	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190089092	50 pc(s).	IEC: 400 V / 18 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/90 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	1774842001	PCB plug-in connector, male	4032248155880	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1780030000	PCB plug-in connector, male	4032248165353	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 90°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				

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	1775682001	PCB plug-in connector, male	4032248158324	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 180°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1838060000	PCB plug-in connector, male	4032248348121	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08				
		mm, No. of poles: 10, 180°,				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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

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	1601870000	PCB plug-in connector, male	4008190189624	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/20/90G		header, closed side, Solder connection, 5.08 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2SN OR BX						

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

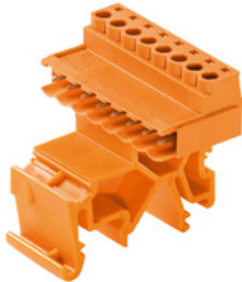
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1602470000	PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190059958	20 pc(s).	IEC: 400 V / 11 A	Box
5.08/20/180G					UL: 300 V / 10 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08TB 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	1846160000	PCB plug-in connector,	4032248362448	10 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180TB		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
KF SN OR BX		poles: 10, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

SL 5.00/90B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580940000	PCB plug-in connector, male	4008190105426	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/10/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/20/180F 1.5SN BK BX	1828970000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335664	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/20/180F 3.2SN BK BX	1828850000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335541	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SLZF 5.08/270B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF 5.08/10/270B SN OR BX	1706220000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 10, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248197699	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 BLZ 5.08/10/90 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 5.08/90F 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	1837710000	PCB plug-in connector, male	4032248347520	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1605610000	PCB plug-in connector, male	4008190178284	50 pc(s).	IEC: 400 V / 17 A	Box
5.08/10/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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)

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	1611790000	PCB plug-in connector,	4008190192679	50 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	
SN OR BX		of poles: 10, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box				

SLS 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS	1846290000	PCB plug-in connector,	4032248362578	50 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180FI		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/90B



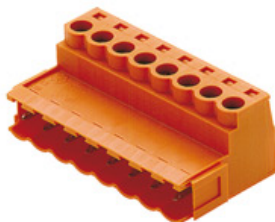
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 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	1511160000	PCB plug-in connector, male	4008190052485	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 10,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

SLS 5.08/180B



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLS	1627320000	PCB plug-in connector,	4008190199838	30 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
SN OR BX		poles: 10, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/180F 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	1820780000	PCB plug-in connector, male	4032248317646	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/180F		header, Flange, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

SL-SMT 5.00/90LF Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1840430000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351275	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/10/90LF					UL: 300 V / 15 A	
3.2SN BK BX						
SL-SMT	1797310000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238095	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/10/90LF					UL: 300 V / 15 A	
1.5SN BK BX						

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/10/180LF 3.2SN BK BX	1838520000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248348589	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/10/180LF 1.5SN BK BX	1776442001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248159321	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 5.08/10/180F SN OR BX	1846440000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248362745	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 BLZ 5.08/10/90 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 5.08TB 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	1846080000	PCB plug-in connector,	4032248362363	10 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/180TB		male plug, 5.08 mm, No. of			UL: 300 V / 14 A / AWG 26 - AWG 12	
RF15 SN OR		poles: 10, 180°, Clamping				
BX		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm ² , 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	1673630000	PCB plug-in connector,	4008190435349	50 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
5.08/10/90B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 90°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/10/180F SN OR BX	1847040000	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box	4032248363193	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Box

SLDV-THR 5.08/180FLF



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.08/20/180FLF 1.5SN BK BX	1829210000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248335909	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.08/20/180FLF 3.2SN BK BX	1829090000	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248335787	20 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 5.08

BLZ 5.08/10/90 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



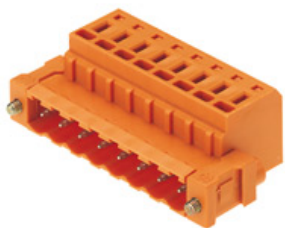
Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 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	1710290000	PCB plug-in connector,	4008190319601	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180B		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

SLZF 5.08/180FI



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLZF	1846590000	PCB plug-in connector,	4032248362899	50 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
5.08/10/180FI		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	
SN OR BX		No. of poles: 10, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box				

OMNIMATE Signal - series BL/SL 5.08 BLZ 5.08/10/90 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 5.08/180B



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	1520360000	PCB plug-in connector, male	4008190030612	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/10/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 10,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

SL-SMT 5.08/90LF Box



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

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780490000	PCB plug-in connector,	4032248165810	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1775312001	PCB plug-in connector,	4032248157297	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/10/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 10,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

