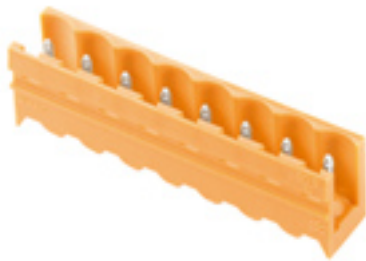


**OMNIMATE Signal - series BL/SL 5.08  
SL 5.08HC/06/180 3.2SN OR BX**

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



Male headers made from glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the mating connector or the circuit board. There is no need for an extra screw connecting the circuit board when the solder flange version is used. This also protects the solder points from mechanical strain. All male headers can be manually coded or ordered as pre-coded headers.

**General ordering data**

Order No.	<a href="#">1146450000</a>
Type	SL 5.08HC/06/180 3.2SN OR BX
Version	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4032248108879
Qty.	50 pc(s).
Product data	IEC: 400 V / 24 A UL: 300 V / 16 A
Packaging	Box

Creation date June 16, 2013 5:37:10 PM CEST

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**Technical data**
**Dimensions and weights**

Net weight 1.56 g

**System parameters**

Product family		Mounting onto the PCB	
	OMNIMATE Signal - series BL/SL 5.08		Solder connection
Outgoing elbow	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	6
Solder pin length (l)	3.2 mm	Pin dimensions	d = 1.2 mm, Octagonal
Can be coded	Yes	Number of rows	1
Number of solder pins per pole	1	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)	+ 0,1 mm	L1 in mm	25.4 mm
L1 in inches	1 inch		

**Material data**

Insulating material	PA GF	Colour	Orange
Insulating material group	II	UL 94 flammability rating	V-0
CTI	≥ 550	Contact material	Cu-Leg
Contact surface	tinned	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

**DIN IEC rating data**

Rated current, min. no. of poles (Tu=20°C)	24 A	Rated current, max. no. of poles (Tu=20°C)	19 A
Rated current, number of poles (Tu=40°C), min	21 A	Rated current, number of poles (Tu=40°C), max.	16.5 A
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV

**CSA rating data**

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

**UL 1059 rating data**

Rated voltage (use group B)	300 V	Rated current (use group B)	16 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A

**Classifications**

eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02
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**Data sheet...****OMNIMATE Signal - series BL/SL 5.08  
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**Technical data****Notes**

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

**Approvals**

Approvals



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**Drawings**