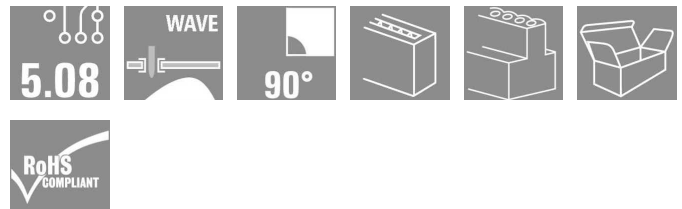


**OMNIMATE Signal - series BL/SL 5.08**  
**BLL 5.08/08/90 3.2 SN BK BX**

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



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

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

**General ordering data**

Type	BLL 5.08/08/90 3.2 SN BK BX
Order No.	<a href="#">1730190000</a>
Version	PCB plug-in connector, female header, closed side, Solder connection, 5.08 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4050118007008
Qty.	42 pc(s).
Product data	IEC: 400 V / 23 A UL: 300 V / 15 A
Packaging	Box

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## Technische Daten

### Dimensions and weights

Net weight 7.8 g

### System parameters

Product family		Mounting onto the PCB	
Product family	OMNIMATE Signal - series BL/SL 5.08	Solder connection	Solder connection
Outgoing elbow	90°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	8
Solder pin length (l)	3.2 mm	Pin dimensions	0.4 x 1.00 mm
Can be coded	Yes	Number of solder pins per pole	2
Solder eyelet hole diameter (D)	1.3 mm	Solder eyelet hole diameter tolerance (D)+	0,1 mm
L1 in mm	35.56 mm	L1 in inches	1.4 inch
Insulation resistance	10 <sup>3</sup> Ω	Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch

### Material data

Insulating material	PBT GF	Colour	Black
Insulating material group	IIIa	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	Cu-Leg
Contact surface	tinned	Max. relative humidity during storage	80 %

### DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	23 A	Rated current, max. no. of poles (Tu=20°C)	16 A
Rated current, number of poles (Tu=40°C), min	20 A	Rated current, number of poles (Tu=40°C), max.	14 A
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage classcontamination degree III/3	4 kV
Rated voltage for surge voltage class pollution degree III/2	320 V	Rated impulse voltage for surge voltage classpollution degree III/2	4 kV
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated impulse voltage for surge voltage classpollution degree II/2	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

### 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)	15 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A

### Classifications

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

**Datenblatt****OMNIMATE Signal - series BL/SL 5.08  
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www.weidmueller.com**Technische Daten****Notes**

Notes	<ul style="list-style-type: none"><li>• Additional colours on request</li><li>• Gold-plated contact surfaces on request</li><li>• Rated current related to rated cross-section &amp; min. No. of poles.</li><li>• P on drawing = pitch</li><li>• 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.</li></ul>
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**Approvals**

Approvals	
ROHS	Conform

**Downloads**

CAD Library (P-CAD Format - ASCII)	<a href="#">BLL.zip</a>
CAD Library (P-CAD Format - Standard)	<a href="#">BLL.zip</a>

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**Zeichnungen**