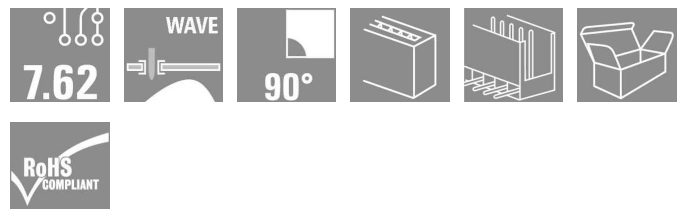


## OMNIMATE Signal - series BL/SL 7.62 SL 7.62/02/90 3.2SN OR BX

**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 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.

- 800 V (IEC) / 300 V (UL)
- 18.5 A (IEC) / 15 A (UL)

### General ordering data

Type	SL 7.62/02/90 3.2SN OR BX
Order No.	<a href="#">1624150000</a>
Version	PCB plug-in connector, male header, open side, Solder connection, 7.62 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190195205
Qty.	100 pc(s).
Product data	IEC: 800 V / 18.5 A UL: 300 V / 15 A
Packaging	Box

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## Technische Daten

### Dimensions and weights

Net weight 1.11 g

### System parameters

Product family		Mounting onto the PCB	
Product family	OMNIMATE Signal - series BL/SL 7.62	Solder connection	Solder connection
Outgoing elbow	90°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.3 inch	No. of poles	2
Solder pin length (l)	3.2 mm	Can be coded	Yes
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	7.62 mm
L1 in inches	0.3 inch	Insulation resistance	10 <sup>3</sup> Ω
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged		


### Material data

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


### DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	18.5 A	Rated current, max. no. of poles (Tu=20°C)	17 A
Rated current, number of poles (Tu=40°C), min	16 A	Rated current, number of poles (Tu=40°C), max.	14.5 A
Rated voltage for surge voltage class pollution degree III/3	500 V	Rated impulse voltage for surge voltage classcontamination degree III/3	6 kV
Rated voltage for surge voltage class pollution degree III/2	630 V	Rated impulse voltage for surge voltage classpollution degree III/2	6 kV
Rated voltage for surge voltage class pollution degree II/2	800 V	Rated impulse voltage for surge voltage classpollution degree II/2	6 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		

### 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		

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**Technische Daten**

**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.
  - Rated voltage for 7.62 mm pitch:  $U/2 = 1000 \text{ V} / 6 \text{ kV}$
  - 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

**Downloads**

CAD Library (P-CAD Format - ASCII) [SL.zip](#)

CAD Library (P-CAD Format - Standard) [SL.zip](#)

[3D Modell](#)

**Datenblatt**

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**Zeichnungen**

