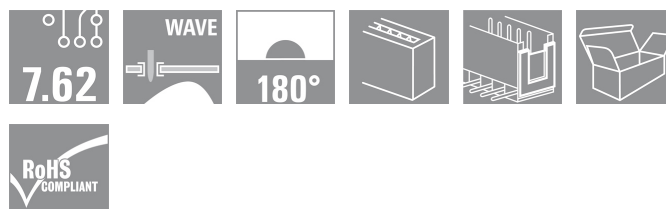


BL/SL 7.62 series
SL 7.62/03/180B 3.2 SN OR BX

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



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.

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

General ordering data

Order No.	1625260000
Type	SL 7.62/03/180B 3.2 SN OR BX
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 7.62 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190196318
Qty.	100 pc(s).
Product data	IEC: 800 V / 18.5 A UL: 300 V / 15 A
Packaging	Box

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Technical data
Dimensions and weights

Net weight 1.66 g

System parameters

Product family	BL/SL 7.62 series	Mounting onto the PCB	Solder connection
Outgoing elbow	180°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.3 inch	No. of poles	3
Solder pin length (l)	3.2 mm	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	15.24 mm	L1 in inches	0.6 inch
Insulation resistance	10 ³ 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	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C	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 class/ contamination degree III/3	6 kV
Rated voltage for surge voltage class / pollution degree III/2	630 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	6 kV
Rated voltage for surge voltage class / pollution degree II/2	800 V	Rated impulse voltage for surge voltage class/ pollution 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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Technical data
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 6.0	27-26-07-04	eClass 7.0	27-44-04-02

Notes

Notes

- Other colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Rated voltage for 7.62 mm pitch: $U/2 = 1000 \text{ V} / 6 \text{ kV}$
- Specifications of diagram P = 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


Downloads

CAD Library (P-CAD Format - ASCII) [SL.LIA](#)
 CAD Library (P-CAD Format - Standard) [SL.LIB](#)
[3-D model](#)

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Drawings

