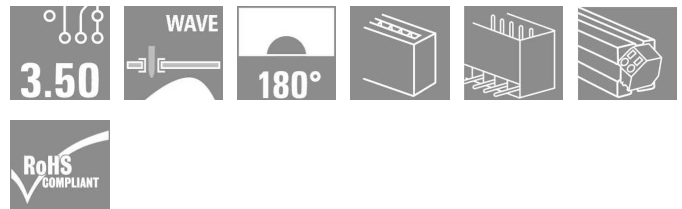
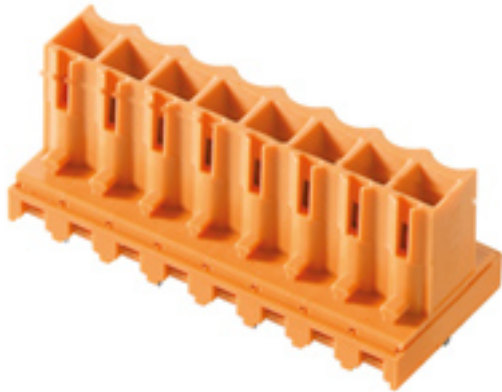


OMNIMATE Signal - series BL/SL 3.50 BLL 3.50/12/180 3.2SN BK TU

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



Inverted female header for:

- finger-safety on the PCB
- Board-to-board component connection (with SL/SL-SMT 3.50)
- Wave soldering
- Outlet direction: 180° (standing, vertical to PCB)

General ordering data

Type	BLL 3.50/12/180 3.2SN BK TU
Order No.	4286340000
Version	PCB plug-in connector, female header, closed side, Solder connection, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Tube
GTIN (EAN)	4032248474035
Qty.	13 pc(s).
Product data	IEC: 320 V / 15.1 A UL: 300 V / 9 A
Packaging	Tube

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Technische Daten

Dimensions and weights

Net weight 5.833 g

System parameters

Product family		Mounting onto the PCB	
Product family	OMNIMATE Signal - series BL/SL 3.50		Solder connection
Outgoing elbow	180°	No. of poles	12
Solder pin length (l)	3.2 mm	Pin dimensions	d = 0.8 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	38.5 mm	L1 in inches	1.516 inch
Insulation resistance	10 ⁶ Ω	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		


Material data

Insulating material		Colour	
Insulating material	PBT	Colour	Black
Insulating material group	IIIa	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)		Rated current, max. no. of poles (Tu=20°C)	
Rated current, min. no. of poles (Tu=20°C)	15.1 A	Rated current, max. no. of poles (Tu=20°C)	7.7 A
Rated current, number of poles (Tu=40°C), min	13 A	Rated current, number of poles (Tu=40°C), max.	6.6 A
Rated voltage for surge voltage class pollution degree III/3	160 V	Rated impulse voltage for surge voltage classcontamination degree III/3	2.5 kV
Rated voltage for surge voltage class pollution degree III/2	160 V	Rated impulse voltage for surge voltage classpollution degree III/2	2.5 kV
Rated voltage for surge voltage class pollution degree II/2	320 V	Rated impulse voltage for surge voltage classpollution degree II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 100 A		

CSA rating data

Institute (CSA)		Rated voltage (Use group C)	
Institute (CSA)		Rated voltage (Use group C)	300 V
Rated current (use group C)	9 A		

UL 1059 rating data

Rated voltage (use group B)		Rated current (use group B)	
Rated voltage (use group B)	300 V	Rated current (use group B)	9 A
Rated voltage (use group D)	300 V	Rated current (use group D)	9 A

Classifications

eClass 6.2 27-26-11-01

Datenblatt**OMNIMATE Signal - series BL/SL 3.50
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Technische Daten**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



ROHS

Conform

Datenblatt

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Zeichnungen

