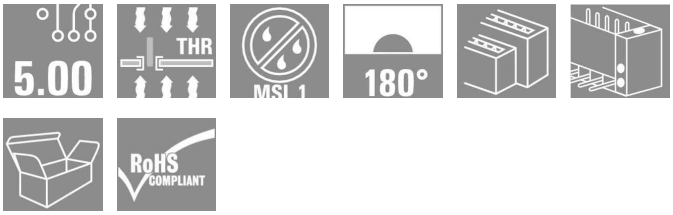
OMNIMATE Signal - series BL/SL 5.00
SLDV-THR 5.00/40/180F 3.2SN BK BX

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





High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	SLDV-THR 5.00/40/180F 3.2SN BK BX
Order No.	1881490000
Version	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 40, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4032248482771
Qty.	10 pc(s).
Product data	IEC: 400 V / 15 A UL: 300 V / 10 A
Packaging	Box

Erstellungs-Datum January 16, 2014 12:06:27 PM CET

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Technische Daten

Dimensions and weights

Net weight	31.8 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.00	Mounting onto the PCB	Reflow solder connection
Outgoing elbow	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	40
Solder pin length (l)	3.2 mm	Pin dimensions	d = 1.2 mm, Octagonal
Can be coded	Yes	Number of solder pins per pole	1
Solder eyelet hole diameter (D)	1.5 mm	Solder eyelet hole diameter tolerance (D)	+ 0,1 mm
L1 in mm	95 mm	L1 in inches	3.74 inch
Insulation resistance	10^3 Ω	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged		

Material data

Insulating material	LCP GF	Colour	Black
Insulating material group	IIIa	UL 94 flammability rating	V-0
CTI	≥ 175	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)	15 A	Rated current, max. no. of poles (Tu=20°C)	10.5 A
Rated current, number of poles (Tu=40°C), min	13 A	Rated current, number of poles (Tu=40°C), max.	9 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	1 x 1s with 120 A		

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	10 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)	10 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A

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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	• Rated current related to rated cross-section & min. No. of poles. • Spacing between rows: see hole layout • 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

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Zeichnungen

