OMNIMATE Signal - series BL/SL 5.08
SL 5.08/09/135B 3.2SN OR BX

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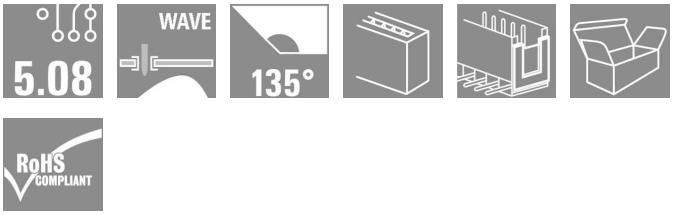

Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Type	SL 5.08/09/135B 3.2SN OR BX
Order No.	1605600000
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 9, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4008190142940
Qty.	50 pc(s).
Product data	IEC: 400 V / 17 A UL: 300 V / 15 A
Packaging	Box

Erstellungs-Datum January 13, 2014 12:52:35 PM CET

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Technische Daten

Dimensions and weights

Net weight	3.66 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Mounting onto the PCB	Solder connection
Outgoing elbow	135°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	9
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)	1.3 mm	Solder eyelet hole diameter tolerance (D)	+ 0,1 mm
L1 in mm	40.64 mm	L1 in inches	1.6 inch
Insulation resistance	10^3 Ω	Touch-safe protection acc. to DIN VDE 57 106	Finger-safe plugged/ back-of-hand-safe unplugged

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)	17 A	Rated current, max. no. of poles (Tu=20°C)	13 A
Rated current, number of poles (Tu=40°C), min	15 A	Rated current, number of poles (Tu=40°C), max.	11 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

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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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. • 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

