

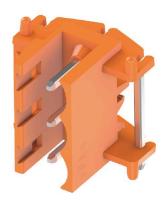


Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image















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Originally designed for electronics housings, the SLEH male connector family is also universally suitable for use as an interface to the female plugs. The males, which are bent twice, ensure special orientation of the male header on the PCB: it is seated certically on the PCB. The solder pin length is also optimised for wave soldering applications.

General ordering data

Version	PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (I): 2.4 mm, tinned, black, Box
Order No.	<u>7924920000</u>
Туре	SLEH 5.08/3 LI22.5 2.4 SN BK BX
GTIN (EAN)	4032248474158
Qty.	100 items
Product data	IEC: 400 V / 16 A UL: 300 V / 12.5 A
Packaging	Вох



SLEH 5.08/3 LI22.5 2.4 SN BK BX



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Technical data

Approvals

Approvals	c AL *us
ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	16.2 mm	Depth (inches)	0.6378 inch
Height	13.2 mm	Height (inches)	0.5197 inch
Height of lowest version	17 mm	Width	17 mm
Width (inches)	0.6693 inch	Net weight	1.46 g

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Board connection
Mounting onto the PCB	THT solder connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.200 "	Outgoing elbow	180°
Number of poles	3	Number of solder pins per pole	1
Solder pin length (I)	2.4 mm	Solder pin length tolerance	+0.1 / -0.3 mm
Solder pin dimensions	d = 1.2 mm	Solder pin dimensions = d tolerance	0 / -0,03 mm
Solder eyelet hole diameter (D)	1.3 mm	Solder eyelet hole diameter tolerance (D)+ 0,1 mm	
Outside diameter of solder pad	1.7 mm	L1 in mm	10.16 mm
L1 in inches	0.400 "	Number of rows	1
Pin series quantity	1	Protection degree	IP20
Volume resistance	≤5 mΩ	Can be coded	Yes

Material data

Insulating material	PA	Colour	black
Colour chart (similar)	RAL 9011	Moisture Level (MSL)	
Contact material	Copper alloy	Contact surface	tinned
Coating	4-6 μm SN	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	16 A
Rated current, min. number of poles (Tu=40°C)	13 A	Rated voltage for surge voltage class / pollution degree II/2	400 V
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV		

Creation date 04.11.2025 05:30:10 MEZ

Catalogue status / Drawings 2



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Technical data

recilifical data			
Rated data acc. to CSA			
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	12.5 A	Rated current (Use group D / CSA)	10 A
Rated data acc. to UL 1059			
Institute (cURus)	CURUS	Certificate No. (cURus)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)		Rated current (Use group D / UL 1059)	
Reference to approval values	Specifications are maximum values, details - see approval certificate.		
Packing			
	n.	VDE	140.00
Packaging	Box	VPE length	143.00 mm
VPE width	107.00 mm	VPE height	41.00 mm
Important note			
IPC conformity	recognized standards and no	e developed, manufactured and delivered orms and comply with the assured propert n accordance with IPC-A-610 "Class 2". Fu	ties in the data sheet resp.
Notes	 In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months 		
Classifications			
ETIM 6.0	EC002637	ETIM 7.0	EC002637
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 9.0	27-44-04-02
ECLASS 9.1	27-44-04-02	ECLASS 10.0	27-44-04-02
ECLASS 11.0	27-46-02-01	ECLASS 12.0	27-46-02-01
ECLASS 13.0	27-46-02-01	ECLASS 14.0	27-46-02-01

27-46-02-01

ECLASS 15.0

Catalogue status / Drawings

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Drawings

Product image



Similar to illustration