

SLDF 5.08/16/180F L/F SN BK BX
Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

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Product image


Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

General ordering data

Version	PCB plug-in connector, male header, 5.08 mm, Number of poles: 16, 180°, Flat-blade connection, Solder connection, Box
Order No.	2562370000
Type	SLDF 5.08/16/180F L/F SN BK BX
GTIN (EAN)	4050118571028
Qty.	18 pc(s).
Product data	IEC: 400 V / 15 A UL: 300 V / 10 A
Packaging	Box

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Technical data

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Dimensions and weights

Depth	28 mm	Depth (inches)	1.102 inch
Height	17.32 mm	Height (inches)	0.682 inch
Width	100.9 mm	Width (inches)	3.972 inch
Net weight	15.732 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	beb3b726-b512-4df5-8ccf-6e4395dc0e51
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System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Field connection
Pitch in mm (P)	5.08 mm	Pitch in inches (P)	0.2 inch
Number of poles	16	L1 in mm	76.2 mm
L1 in inches	3 inch	Number of rows	1
Pin series quantity	1	Protection degree	IP20
Volume resistance	≤5 mΩ	Can be coded	Yes
Plugging force/pole, max.	6.5 N	Pulling force/pole, max.	5 N

Material data

Insulating material	PBT	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	UL 94 flammability rating	V-0
Contact material	CuSn	Contact surface	tinned
Layer structure of plug contact	4...8 μm Sn hot-dip tinned	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		

Conductors suitable for connection

Reference text	The outside diameter of the plastic collar should not be larger than the pitch (P). Length of ferrules is to be chosen depending on the product and the rated voltage.
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Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	15 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		

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Technical data

Rated data acc. to CSA

Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	800 V
Rated current (Use group B / CSA)	10 A	Rated current (Use group D / CSA)	10 A

Packing

Packaging	Box	VPE length	352 mm
VPE width	135 mm	VPE height	35 mm

Classifications

ETIM 6.0	EC002637	ETIM 7.0	EC002637
ETIM 8.0	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

Important note

IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<ul style="list-style-type: none"> Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

Downloads

Product Change Notification	EN - Change of packaging DE - Change of packaging Packaging SLDF-PL30 DE Packaging SLDF-PL30 EN
Catalogues	Catalogues in PDF-format

Data sheet

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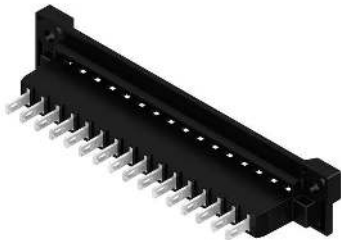
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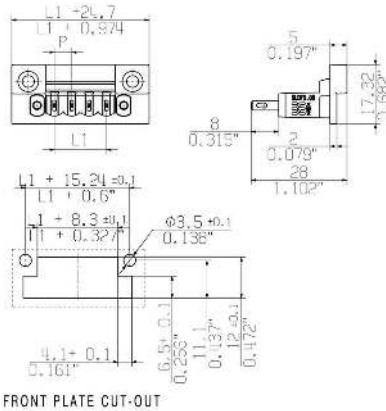
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Drawings

Product image



Dimensional drawing info@weidmueller.com



Dimensions without tolerances are no check dimensions

