

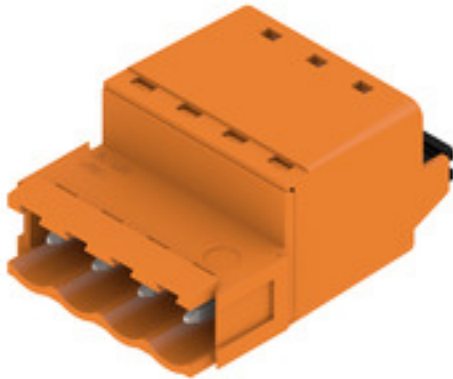
SLF 5.08/04/180B SN OR BX CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through. The male plugs provide space for labelling and can be coded.

General ordering data

Version	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 4, 180°, PUSH IN with actuator, Box
Order No.	2989800000
Type	SLF 5.08/04/180B SN OR BX CO
GTIN (EAN)	4099986861794
Qty.	78 pc(s).
Product data	IEC: 400 V / 0.2 - 2.5 mm ² UL:
Packaging	Box

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Technical data

Dimensions and weights

Depth	30 mm	Depth (inches)	1.181 inch
Height	14.2 mm	Height (inches)	0.559 inch
Net weight	8.124 g		

System Parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Wire connection method	PUSH IN with actuator
Pitch in mm (P)	5.08 mm	Conductor outlet direction	180°
Number of poles	4	Pin series quantity	1
Protection degree	IP20	Plugging cycles	25

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-0
Contact material	Cu-alloy	Contact surface	tinned
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C

Conductors suitable for connection

Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²
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.		

Rated data acc. to IEC

Rated current, max. number of poles (T _u =20°C)	21.7 A	Rated current, min. number of poles (T _u =40°C)	22.5 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 impulse voltage for surge voltage class/ pollution degree II/2	4,000 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV

Rated data acc. to UL 1059

Institute (cURus)		Certificate No. (cURus)	E60693
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packing

Packaging	Box	VPE length	352 mm
VPE width	142 mm	VPE height	38 mm

Creation date July 11, 2025 7:22:17 AM CEST

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Technical data

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09
ECLASS 11.0	27-46-02-02	ECLASS 12.0	27-46-02-02
ECLASS 13.0	27-46-02-02	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Environmental Product Compliance

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

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	• Additional variants on request • Gold-plated contact surfaces on request • Rated current related to rated cross-section & min. No. of poles. • Wire end ferrule without plastic collar to DIN 46228/1 • Wire end ferrule with plastic collar to DIN 46228/4 • P on drawing = pitch • Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool recommended. • The test point can only be used as potential-pickup point. • 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

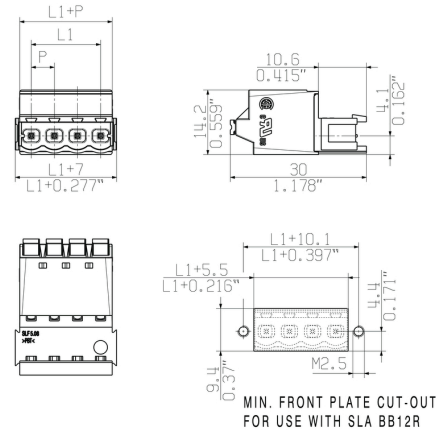
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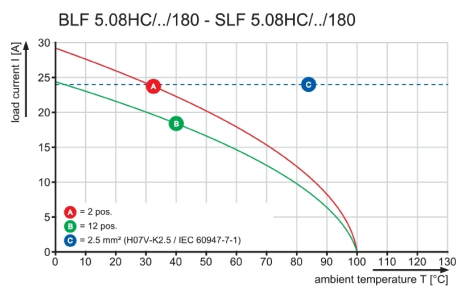
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Drawings

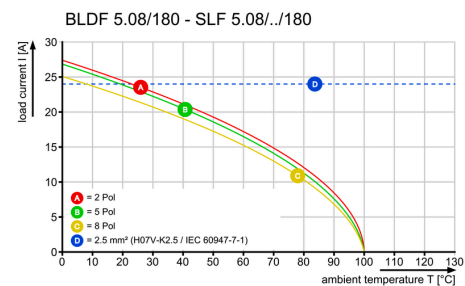
Dimensional drawing



Graph



Graph

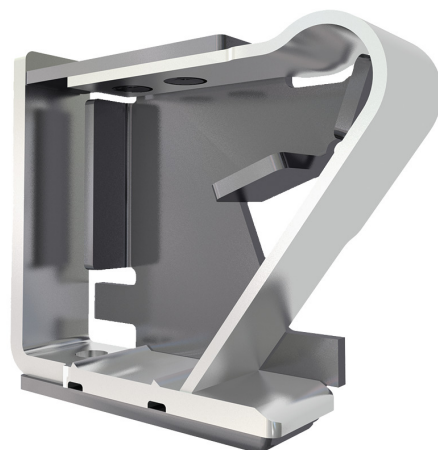


Product benefits



Uncompromising functionality
High vibration resistance

Product benefits



Solid PUSH IN contact
Safe and durable

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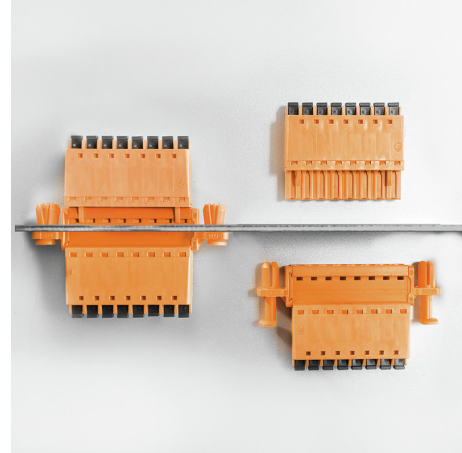
Drawings

Product benefits



Lower assembly costs
Secure in a matter of seconds

Product benefits



Easy handling
No implementation framework necessary