SLAS 8B SN OR

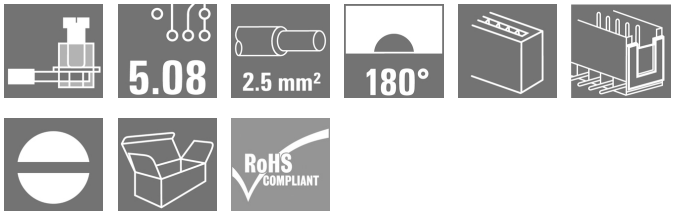
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Do not use product for new developments

Product image





Male header with screw conductor connection for flying leads. Clip-on feet for mounting on the terminal rail and fixing blocks are available for this male connector with clamping yoke connection. The SLAS provides space for labelling and can be coded. Supplied in cardboard box.

General ordering data

Version	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 8, 180°, Clamping yoke connection, Clamping range, max. : 1.5 mm², Box
Order No.	1571840000
Type	SLAS 8B SN OR
GTIN (EAN)	4008190079222
Qty.	42 pc(s).
Product data	IEC: 400 V / 16 A / 0.2 - 2.5 mm² UL: 300 V / 10 A / AWG 28 - AWG 16
Packaging	Box
Delivery status	This article will no longer be available in the future.
Variation product	No
Alternative product	1627150000

SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	14.96 g

System specifications

Product family	OMNIMATE Signal - series BLA/SLA 5.08	Type of connection	Field connection
Pitch in mm (P)	5.08 mm	Pitch in inches (P)	0.2 "
Number of poles	8	L1 in mm	35.56 mm
L1 in inches	1.4 "	Number of rows	1
Pin series quantity	1	Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged
Touch-safe protection acc. to DIN VDE 0470	IP 20	Volume resistance	5.00 mΩ
Plugging cycles	25		

Material data

Insulating material	PBT GF	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	UL 94 flammability rating	V-0
Contact material	Cu-alloy	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.	120 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	120 °C		

Conductors suitable for connection

Clamping range, min.	0.13 mm²	Clamping range, max.	1.5 mm²
Wire connection cross section AWG, min.	AWG 28	Wire connection cross section AWG, max.	AWG 16
Solid, min. H05(07) V-U	0.2 mm²	Solid, max. H05(07) V-U	2.5 mm²
Flexible, min. H05(07) V-K	0.2 mm²	Flexible, max. H05(07) V-K	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm²
Plug gauge in accordance with EN 60999 a x b; ø	2.4 mm x 1.5 mm	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.

SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

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, max. number of poles (Tu=20°C)	15 A	Rated current, min. number of poles (Tu=40°C)	14 A
Rated current, max. 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	Short-time withstand current resistance	3 x 1s with 120 A

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)	10 A	Rated current (Use group D / CSA)	10 A
Wire cross-section, AWG, min.	AWG 28	Wire cross-section, AWG, max.	AWG 16

Rated data acc. to UL 1059

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)	10 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 28	Wire cross-section, AWG, max.	AWG 16

Packing

Packaging	Box	VPE length	338 mm
VPE width	130 mm	VPE height	27 mm

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
ETIM 8.0	EC002638	ETIM 9.0	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

SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

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 • 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 • 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. • 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

Approvals

ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of the Manufacturer
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL DRIVES EN MB DEVICE MANUF. EN FL DRIVES DE FL BUILDING SAFETY EN FL APPL LED LIGHTING EN FL INDUSTR.CONTROLS EN FL MACHINE SAFETY EN FL HEATING ELECTR EN FL APPL_INVERTER EN FL_BASE_STATION_EN FL ELEVATOR EN FL POWER SUPPLY EN FL 72H SAMPLE SER EN PO OMNIMATE EN

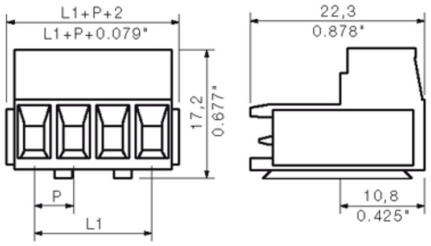
SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Dimensional drawing



SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

Adapters for rail mounting



Clip on and use!
From the circuit board in the control cabinet: snap-on or mounting feet form the link between plug-in connectors and terminal rails.
Compatible with all standard sizes: TS 15 or TS 35.
Combination foot or variations available.
The quick alternative to screw connections: unbeatable ease of installation and service.
The mounting foot for the terminal rails allows the universal use of pluggable connection systems on the module, the enclosure and the control cabinet and avoids patchwork solutions.

General ordering data

Type	SLAS RF15 OR	Version	Product data	Packaging
Order No.	1571730000	PCB plug-in connector, Accessories, Clip-in foot, orange		Box
GTIN (EAN)	4008190088286			
Qty.	50 pc(s).			

Type	SLAS KF OR	Version	Product data	Packaging
Order No.	1576460000	PCB plug-in connector, Accessories, Clip-in foot, orange, Number of		Box
GTIN (EAN)	4008190176501	poles: 1		
Qty.	20 pc(s).			

Coding elements



Only connects what is supposed to be connected: the right connection at the right place.
Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation
The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase.
The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.
Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible.
The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Type	SLA KO	Version	Product data	Packaging
Order No.	1323560000	PCB plug-in connector, Accessories, Coding element, white, Number		Box
GTIN (EAN)	4008190428389	of poles: 1		
Qty.	100 pc(s).			

SLAS 8B SN OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

Blocks for PCB mounting



Minor component, major effect:
Clip-on attachment elements increase the mechanical resilience of the whole plug connection by
- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:
- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:
- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

General ordering data

Type	SLA BB4 OR	Version	Product data	Packaging
Order No.	1571720000	PCB plug-in connector, Accessories, Mounting block, orange, Number		Box
GTIN (EAN)	4008190098995	of poles: 1		
Qty.	50 pc(s).			

Type	SLA BB8 RH OR	Version	Product data	Packaging
Order No.	1446060000	PCB plug-in connector, Accessories, Mounting block, orange, Number		Box
GTIN (EAN)	4008190084585	of poles: 1		
Qty.	20 pc(s).			