

## BLDF 5.08/07/180 SN OR BX

Weidmüller Interface GmbH & Co. KG

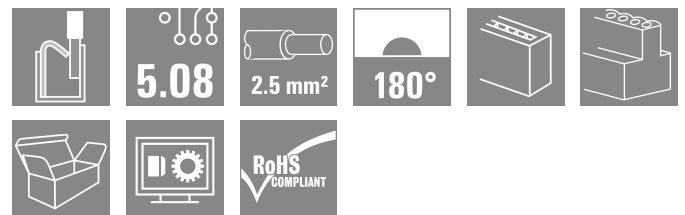
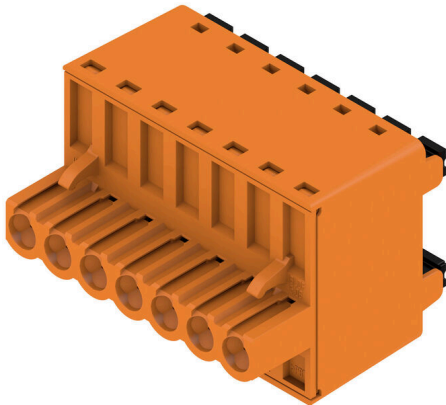
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Product image



The powerful daisy-chain solution for high-performance signal bus applications is also suitable for 400V auxiliary power chains with 18.5A current-carrying capacity. The large clamping capacity (up to 2.5mm<sup>2</sup> wire cross-sections) is particularly beneficial for long bus cables or high currents because of the low voltage drop.

Four flange variations, including the patented release latch, allow for user-friendly unplugging designs.

### General ordering data

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 7, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Order No.	<a href="#">1001200000</a>
Type	BLDF 5.08/07/180 SN OR BX
GTIN (EAN)	4032248817535
Qty.	32 items
Product data	IEC: 400 V / 20.8 A / 0.2 - 2.5 mm <sup>2</sup> UL: 300 V / 18.5 A / AWG 12 - AWG 26
Packaging	Box

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693

## Dimensions and weights

Depth	28.3 mm	Depth (inches)	1.1142 inch
Height	24.7 mm	Height (inches)	0.9724 inch
Width	35.56 mm	Width (inches)	1.4 inch
Net weight	20.19 g		

## Environmental Product Compliance

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

## System Parameters

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Field connection
Wire connection method	PUSH IN with actuator	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.200 "	Conductor outlet direction	180°
Number of poles	7	L1 in mm	30.48 mm
L1 in inches	1.200 "	Number of rows	1
Pin series quantity	1	Rated cross-section	2.5 mm <sup>2</sup>
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Protection degree	IP20	Volume resistance	≤5 mΩ
Can be coded	Yes	Stripping length	10 mm
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Plugging cycles	25	Plugging force/pole, max.	9.5 N
Pulling force/pole, max.	7.5 N		

## Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
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.	100 °C
Temperature range, installation, min.	-30 °C	Temperature range, installation, max.	100 °C

## Conductors suitable for connection

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	3.31 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26

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## Technical data

Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm <sup>2</sup>
Plug gauge in accordance with EN 60999 a x b; ø	2.8 mm x 2.0 mm

Clampable conductor	Cross-section for conductor connection	Type	fine-wired
		nominal	0.5 mm <sup>2</sup>
wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	<a href="#">H0.5/16 OR</a>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H0.5/10</a>
Cross-section for conductor connection	Stripping length	Type	fine-wired
		nominal	0.75 mm <sup>2</sup>
		nominal	12 mm
		Recommended wire-end ferrule	<a href="#">H0.75/16 W</a>
wire end ferrule	Stripping length	nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H0.75/10</a>
		Type	fine-wired
		nominal	1 mm <sup>2</sup>
Cross-section for conductor connection	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	<a href="#">H1.0/16D R</a>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H1.0/10</a>
wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	<a href="#">H1.5/10</a>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H1.5/16 R</a>
Cross-section for conductor connection	Stripping length	Type	fine-wired
		nominal	1.5 mm <sup>2</sup>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H1.5/10</a>
wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	<a href="#">H1.5/16 R</a>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H2.5/10</a>
Cross-section for conductor connection	Stripping length	Type	fine-wired
		nominal	2.5 mm <sup>2</sup>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H2.5/16DS BL</a>
wire end ferrule	Stripping length	nominal	13 mm
		Recommended wire-end ferrule	<a href="#">H2.5/10</a>
		nominal	10 mm
		Recommended wire-end ferrule	<a href="#">H2.5/16DS BL</a>

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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## 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)	20.8 A
Rated current, max. number of poles (Tu=20°C)	17.4 A	Rated current, min. number of poles (Tu=40°C)	17.9 A
Rated current, max. number of poles (Tu=40°C)	14.9 A	Rated current cross-connector, min. number of poles (Ta=20°C)	28.1 A
Rated current cross-connector, max. number of poles (Ta=20°C)	23.3 A	Rated current cross-connector, min. number of poles (Ta=40°C)	24.2 A
Rated current cross-connector, max. number of poles (Ta=40°C)	19.9 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

Institute (CSA)	CSA	Certificate No. (CSA)	200039-1121690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	18.5 A	Rated current (Use group D / CSA)	10 A
Wire cross-section, AWG, min.	AWG 12	Wire cross-section, AWG, max.	AWG 26
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

## 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)	18.5 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 12	Wire cross-section, AWG, max.	AWG 26
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

## Packing

Packaging	Box	VPE length	350.00 mm
VPE width	135.00 mm	VPE height	35.00 mm

## Cross-connector rated data according to DIN IEC

Rated current cross-connector, max. number of poles (Ta=40°C)	19.9 A	Rated current cross-connector, min. number of poles (Ta=20°C)	28.1 A
Rated current cross-connector, min. number of poles (Ta=40°C)	24.2 A	Rated current cross-connector, max. number of poles (Ta=20°C)	23.3 A

## 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"> <li>• Additional variants on request</li> <li>• Gold-plated contact surfaces on request</li> <li>• Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>• Wire end ferrule without plastic collar to DIN 46228/1</li> </ul>

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## Technical data

- 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

### Classifications

ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

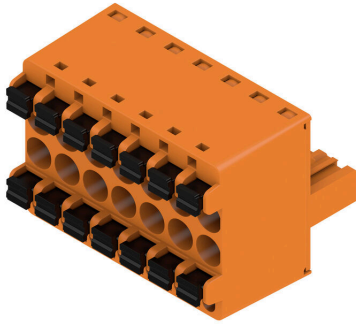
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**Drawings**

**Product image**



**Dimensional drawing**



**Graph**

BLDF 5.08/180 - SL 5.08HC/..90



**Graph**

BLDF 5.08/180 - SL 5.08HC/..90



**Graph**

BLDF 5.08/180 - SLF 5.08/..180



Uncompromising functionality High vibration resistance

**Drawings**

**Product benefits**



Solid PUSH IN contact  
Safe and durable

**Product benefits**



Cost-effective wiring  
Quick and intuitive operation

**Product benefits**



Wide clamping range  
Tool-free wire connection

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## Accessories

## 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	BLZ/SL KO BK BX	Version
Order No.	<a href="#">1545710000</a>	PCB plug-in connector, Accessories, Coding element, black, Number of poles: 1
GTIN (EAN)	4008190087142	
Qty.	50 ST	
Type	BLZ/SL KO OR BX	Version
Order No.	<a href="#">1573010000</a>	PCB plug-in connector, Accessories, Coding element, orange, Number of poles: 1
GTIN (EAN)	4008190048396	
Qty.	100 ST	

## Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

## General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">2749340000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4050118895568	
Qty.	1 ST	
Type	SDS 0.6X3.5X200	Version
Order No.	<a href="#">9010110000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248300754	
Qty.	1 ST	
Type	SDIS 0.6X3.5X100	Version
Order No.	<a href="#">2749810000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4050118897012	
Qty.	1 ST	

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## Counterpart

## SLDF 5.08



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

Type	SLDF 5.08 L/F 7 SN OR BX	Version
Order No.	<a href="#">1599180000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4008190016999	180°, Flat-blade connection, Solder connection, Box
Qty.	30 ST	

## SL 5.08/135

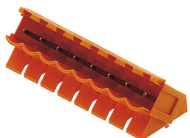


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/07/135 3.2SN OR...	Version
Order No.	<a href="#">1603110000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190166267	connection, 5.08 mm, Number of poles: 7, 135°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

## SL 5.08/135B



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.

## General ordering data

Type	SL 5.08/07/135B 3.2SN O...	Version
Order No.	<a href="#">1605580000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190171940	solder connection, 5.08 mm, Number of poles: 7, 135°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

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## Counterpart

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## SL 5.08/180



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/07/180 3.2SN OR...	Version
Order No.	<a href="#">1517760000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190096373	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

## SL 5.08/180B

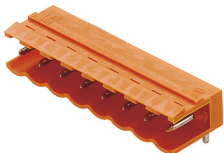


Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/07/180B 3.2SN O...	Version
Order No.	<a href="#">1520060000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190116095	solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## SL 5.08/90



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/07/90 3.2SN OR ...	Version
Order No.	<a href="#">1508560000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190097257	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

**BLDF 5.08/07/180 SN OR BX**

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**Counterpart**

**SL 5.08/90B**



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

**General ordering data**

Type	SL 5.08/07/90B 3.2SN OR...	Version
Order No.	<a href="#">1510860000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190086497	solder connection, 5.08 mm, Number of poles: 7, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

**SL 5.08HC/180**



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

**General ordering data**

Type	SL 5.08HC/07/180 3.2SN ...	Version
Order No.	<a href="#">1148230000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248934201	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/07/180 3.2SN ...	Version
Order No.	<a href="#">1146470000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248108862	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

**SL 5.08HC/180B**



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

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## Counterpart

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## General ordering data

Type	SL 5.08HC/07/180B 3.2SN...	Version
Order No.	<a href="#">1149570000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248935055	solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/07/180B 3.2SN...	Version
Order No.	<a href="#">1147470000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248933549	solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## SL 5.08HC/180G



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

## General ordering data

Type	SL 5.08HC/07/180G 3.2SN...	Version
Order No.	<a href="#">1148800000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248935505	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/07/180G 3.2SN...	Version
Order No.	<a href="#">1146840000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248 108633	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

## SL 5.08HC/90



Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

## General ordering data

Type	SL 5.08HC/07/90 3.2SN B...	Version
Order No.	<a href="#">1155080000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050769	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/07/90 3.2SN O...	Version
Order No.	<a href="#">1146830000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051452	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

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## Counterpart

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## SL 5.08HC/90B

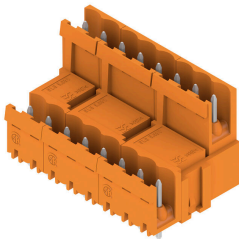


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

## General ordering data

Type	SL 5.08HC/07/90B 3.2SN ...	Version
Order No.	<a href="#">1155630000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050301	solder connection, 5.08 mm, Number of poles: 7, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/07/90B 3.2SN ...	Version
Order No.	<a href="#">1148200000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050998	solder connection, 5.08 mm, Number of poles: 7, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## SLDV 5.08/180

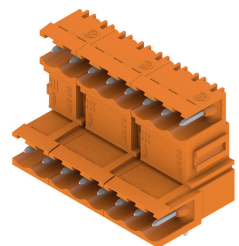


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SLD 5.08V/14/180 3.2SN ...	Version
Order No.	<a href="#">1725700000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248061990	connection, 5.08 mm, Number of poles: 14, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, orange, Box

## SLDV 5.08/90



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

## BLDF 5.08/07/180 SN OR BX

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## Counterpart

### General ordering data

Type	SLD 5.08V/14/90 3.2 SN ...	Version
Order No.	<a href="#">1725220000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060627	connection, 5.08 mm, Number of poles: 14, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

### SLDV 5.08/90B



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SLD 5.08V/14/90B 3.2 SN...	Version
Order No.	<a href="#">1726330000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061303	solder connection, 5.08 mm, Number of poles: 14, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

### SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SL-SMT 5.08HC/07/180 1....	Version
Order No.	<a href="#">1775652001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248157594	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/07/180 3....	Version
Order No.	<a href="#">1838030000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348091	connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

## BLDF 5.08/07/180 SN OR BX

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## Counterpart

## SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/180 1...	Version
Order No.	<a href="#">1775654001</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
GTIN (EAN)	4032248 159635	
Qty.	250 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08/180G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/180G 1...	Version
Order No.	<a href="#">1775972001</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
GTIN (EAN)	4032248 158966	
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/07/180G 3...	Version
Order No.	<a href="#">1838260000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
GTIN (EAN)	4032248 348329	
Qty.	50 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/180G Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## BLDF 5.08/07/180 SN OR BX

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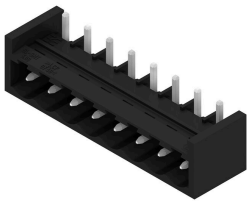
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## Counterpart

### General ordering data

Type	SL-SMT 5.08HC/07/180G 1...	Version
Order No.	<a href="#">1775974001</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 180°, Solder pin length (l):
GTIN (EAN)	4032248160198	1.5 mm, tinned, black, Tape
Qty.	250 ST	

### SL-SMT 5.08/270GH Box



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SL-SMT 5.08HC/07/270GH ...	Version
Order No.	<a href="#">1877420000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 270°, Solder pin length (l):
GTIN (EAN)	4032248468058	3.2 mm, tinned, black, Box
Qty.	50 ST	

### SL-SMT 5.08/270GH Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SL-SMT 5.08HC/07/270GH ...	Version
Order No.	<a href="#">1877640000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 270°, Solder pin length (l):
GTIN (EAN)	4032248468232	1.5 mm, tinned, black, Tape
Qty.	335 ST	

## BLDF 5.08/07/180 SN OR BX

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## Counterpart

## SL-SMT 5.08/270GL Box



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/270GL ...	Version
Order No.	<a href="#">1877540000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 270°, Solder pin length (l):
GTIN (EAN)	4032248468164	3.2 mm, tinned, black, Box
Qty.	50 ST	

## SL-SMT 5.08/270GL Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/270GL ...	Version
Order No.	<a href="#">1877790000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 270°, Solder pin length (l):
GTIN (EAN)	4032248468447	1.5 mm, tinned, black, Tape
Qty.	350 ST	

## SL-SMT 5.08HC/90 Box



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/90 1.5...	Version
Order No.	<a href="#">1774812001</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
GTIN (EAN)	4032248155859	1.5 mm, tinned, black, Box
Qty.	50 ST	

## BLDF 5.08/07/180 SN OR BX

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## Counterpart

Type	SL-SMT 5.08HC/07/90 3.2...	Version
Order No.	<a href="#">1780000000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165322	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

### SL-SMT 5.08HC/90 Tape



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SL-SMT 5.08HC/07/90 1.5...	Version
Order No.	<a href="#">1774814001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248167708	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

### SL-SMT 5.08HC/90G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

### General ordering data

Type	SL-SMT 5.08HC/07/90G 1....	Version
Order No.	<a href="#">1775052001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156511	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/07/90G 3....	Version
Order No.	<a href="#">1780230000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165551	connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

## BLDF 5.08/07/180 SN OR BX

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## Counterpart

## SL-SMT 5.08HC/90G Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/07/90G 1...	Version
Order No.	<a href="#">1775054001</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 7, 90°, Solder pin length (l):
GTIN (EAN)	4032248167777	1.5 mm, tinned, black, Tape
Qty.	350 ST	

## SLF 5.08/180 SN

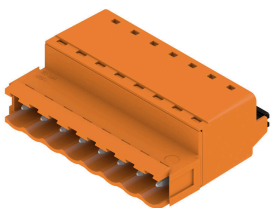


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLF 5.08/07/180 SN BK BX	Version
Order No.	<a href="#">1335650000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
GTIN (EAN)	4050118138894	
Qty.	48 ST	
Type	SLF 5.08/07/180 SN OR BX	Version
Order No.	<a href="#">1335380000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
GTIN (EAN)	4050118138573	
Qty.	48 ST	

## SLF 5.08/180B SN



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.

## BLDF 5.08/07/180 SN OR BX

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### General ordering data

Type	SLF 5.08/07/180B SN BK ...	Version
Order No.	<a href="#">1335880000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4050118139211	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	48 ST	
Type	SLF 5.08/07/180B SN OR ...	Version
Order No.	<a href="#">1335490000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4050118138597	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	48 ST	

### SLF 5.08/180DF SN

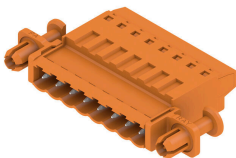


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through. The male plugs provide space for labelling and can be coded.

### General ordering data

Type	SLF 5.08/07/180DF SN OR...	Version
Order No.	<a href="#">13353640000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4050118156355	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	30 ST	

### SLT 5.08/180DF SN



Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

### General ordering data

Type	SLT 5.08/07/180DF SN OR...	Version
Order No.	<a href="#">1353420000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4050118155877	180°, TOP connection, Clamping range, max. : 2.5 mm², Box
Qty.	30 ST	

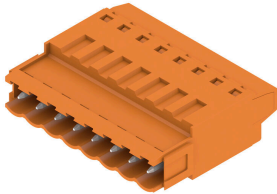
**BLDF 5.08/07/180 SN OR BX**

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**Counterpart**

**SLT 5.08B**



Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

**General ordering data**

Type	SLT 5.08/07/180B SN OR ...	Version
Order No.	<a href="#">1611760000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4008190192648	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	50 ST	

**SLS 5.08/180 SN**

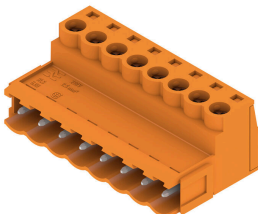


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLS 5.08/07/180 SN OR BX	Version
Order No.	<a href="#">1627140000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4008190199654	180°, Clamping yoke connection, Clamping range, max.: 3.31 mm²,
Qty.	48 ST	Box

**SLS 5.08/180B**



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLS 5.08/07/180B SN OR ...	Version
Order No.	<a href="#">1627290000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 7,
GTIN (EAN)	4008190199807	180°, Clamping yoke connection, Clamping range, max.: 3.31 mm²,
Qty.	48 ST	Box