

## BLF 5.08HC/05/90 SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Product image



Similar to illustration

Just as reliable as the millionfold proven original and featuring innovative details:

The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.

In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

### General ordering data

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 5, 90°, PUSH IN with actuator, Clamping range, max.: 3.31 mm², Box
Order No.	<a href="#">1001560000</a>
Type	BLF 5.08HC/05/90 SN OR BX
GTIN (EAN)	4032248693368
Qty.	72 items
Product data	IEC: 400 V / 24 A / 0.2 - 2.5 mm² UL: 300 V / 18.5 A / AWG 26 - AWG 12
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	26.2 mm	Depth (inches)	1.0315 inch
Height	20.7 mm	Height (inches)	0.815 inch
Width	25.4 mm	Width (inches)	1 inch
Net weight	1.39 g		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0,429 kg CO2 eq.	

## 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	90°
Number of poles	5	L1 in mm	20.32 mm
L1 in inches	0.800 "	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.	7 N
Pulling force/pole, max.	5.5 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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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	wire end ferrule	Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H0.5/16 OR</a>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H0.5/10</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	0.75 mm <sup>2</sup>
		Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H0.75/16 W</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	1 mm <sup>2</sup>
		Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H1.0/16D R</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	1.5 mm <sup>2</sup>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H1.5/10</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	2.5 mm <sup>2</sup>
		Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H1.5/16 R</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	2.5 mm <sup>2</sup>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H2.5/10</a>
Cross-section for conductor connection	wire end ferrule	Type	fine-wired
		nominal	2.5 mm <sup>2</sup>
		Stripping length	nominal 13 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)	24 A
Rated current, max. number of poles (Tu=20°C)	19 A	Rated current, min. number of poles (Tu=40°C)	21 A
Rated current, max. number of poles (Tu=40°C)	16.5 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 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)	10 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 26	Wire cross-section, AWG, max.	AWG 12
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

**Packing**

Packaging	Box	VPE length	349.00 mm
VPE width	140.00 mm	VPE height	32.00 mm

**Type tests**

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, type identification, pitch, type of material, date clock
	Evaluation	available
	Test	durability
Test: Misengagement (Non-interchangeability)	Standard	DIN EN 61984 section 6.3 and 6.9.1 / 09.02, DIN EN 60512-13-5 / 11.08
	Test	180° turned with coding elements
	Evaluation	passed
	Test	visual examination
Test: Clampable cross section	Evaluation	passed
	Standard	DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 04.08
	Conductor type	Type of conductor solid 0.2 mm <sup>2</sup> and conductor cross-section

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		Type of conductor and conductor cross-section	stranded 0.2 mm <sup>2</sup>
		Type of conductor and conductor cross-section	solid 2.5 mm <sup>2</sup>
		Type of conductor and conductor cross-section	stranded 2.5 mm <sup>2</sup>
		Type of conductor and conductor cross-section	AWG 26/1
		Type of conductor and conductor cross-section	AWG 26/19
		Type of conductor and conductor cross-section	AWG 14/1
		Type of conductor and conductor cross-section	AWG 14/19
	Evaluation	passed	
	Standard	DIN EN 60999-1 section 9.4 / 12.00	
	Requirement	0.2 kg	
	Conductor type	Type of conductor and conductor cross-section	AWG 26/1
		Type of conductor and conductor cross-section	AWG 26/19
	Evaluation	passed	
	Requirement	0.3 kg	
	Conductor type	Type of conductor and conductor cross-section	H05V-U0.5
		Type of conductor and conductor cross-section	H05V-K0.5
	Evaluation	passed	
	Requirement	0.7 kg	
	Conductor type	Type of conductor and conductor cross-section	H07V-U2.5
		Type of conductor and conductor cross-section	H07V-K2.5
	Evaluation	passed	
	Requirement	0.9 kg	
	Conductor type	Type of conductor and conductor cross-section	AWG 12/1
		Type of conductor and conductor cross-section	AWG 12/19
	Evaluation	passed	
	Standard	DIN EN 60999-1 section 9.5 / 12.00	
	Requirement	≥10 N	
	Conductor type	Type of conductor and conductor cross-section	AWG 26/1
		Type of conductor and conductor cross-section	AWG 26/19
Test for damage to and accidental loosening of conductors			
Pull-out test			

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Evaluation	passed	
Requirement	≥20 N	
Conductor type	Type of conductor and conductor cross-section	H05V-U0.5
	Type of conductor and conductor cross-section	H05V-K0.5
Evaluation	passed	
Requirement	≥50 N	
Conductor type	Type of conductor and conductor cross-section	H07V-U2.5
	Type of conductor and conductor cross-section	H07V-K2.5
Evaluation	passed	
Requirement	≥60 N	
Conductor type	Type of conductor and conductor cross-section	AWG 12/1
	Type of conductor and conductor cross-section	AWG 12/19
Evaluation	passed	

**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

**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		

Dimensional drawing



Graph



Graph



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
GTIN (EAN)	4008190087142	of poles: 1
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
GTIN (EAN)	4008190048396	of poles: 1
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 5 SN BK BX	Version
Order No.	<a href="#">1635770000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190264208	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	

Type	SLDF 5.08 L/F 5 SN OR BX	Version
Order No.	<a href="#">1599160000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190079970	180°, Flat-blade connection, Solder connection, Box
Qty.	36 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 5.08/05/135 3.2SN OR...	Version
Order No.	<a href="#">1603090000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190013912	connection, 5.08 mm, Number of poles: 5, 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.

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## Counterpart

### General ordering data

Type	SL 5.08/05/135B 3.2SN O...	Version
Order No.	<a href="#">1605560000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190089948	solder connection, 5.08 mm, Number of poles: 5, 135°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

### 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 5.08/05/180 3.2SN OR...	Version
Order No.	<a href="#">1517560000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190145170	connection, 5.08 mm, Number of poles: 5, 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 5.08/05/180B 3.2SN O...	Version
Order No.	<a href="#">1519860000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190014094	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

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## Counterpart

### 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 5.08/05/90 3.2SN OR ...	Version
Order No.	<a href="#">1508360000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190131241	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

### 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 5.08/05/90B 3.2SN BK...	Version
Order No.	<a href="#">1510610000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190204051	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08/05/90B 3.2SN OR...	Version
Order No.	<a href="#">1510660000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190121372	solder connection, 5.08 mm, Number of poles: 5, 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.

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## Counterpart

### General ordering data

Type	SL 5.08HC/05/180 3.2SN ...	Version
Order No.	<a href="#">1148180000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248933587	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/05/180 3.2SN ...	Version
Order No.	<a href="#">1146410000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248932566	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

### SL 5.08HC/180B



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### General ordering data

Type	SL 5.08HC/05/180B 3.2SN...	Version
Order No.	<a href="#">1149500000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934706	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/05/180B 3.2SN...	Version
Order No.	<a href="#">1147390000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248932740	solder connection, 5.08 mm, Number of poles: 5, 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/05/180G 3.2SN...	Version
Order No.	<a href="#">1148730000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248934850	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/05/180G 3.2SN...	Version
Order No.	<a href="#">1146800000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248108657	connection, 5.08 mm, Number of poles: 5, 180°, 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/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/05/90 3.2SN B...	Version
Order No.	<a href="#">1155060000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050783	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/05/90 3.2SN O...	Version
Order No.	<a href="#">1146790000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051476	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

## 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/05/90B 3.2SN ...	Version
Order No.	<a href="#">1155610000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050325	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/05/90B 3.2SN ...	Version
Order No.	<a href="#">1148130000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118051018	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### 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/10/180 3.2SN ...	Version
Order No.	<a href="#">1725680000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248061976	connection, 5.08 mm, Number of poles: 10, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

### SLDV 5.08/180B



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/10/180B 3.2SN...	Version
Order No.	<a href="#">1726770000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062652	solder connection, 5.08 mm, Number of poles: 10, 180°, Solder pin
Qty.	50 ST	length (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.

#### General ordering data

Type	SLD 5.08V/10/90 3.2 SN ...	Version
Order No.	<a href="#">1725200000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060603	connection, 5.08 mm, Number of poles: 10, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### 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/10/90B 3.2 SN...	Version
Order No.	<a href="#">1726310000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061280	solder connection, 5.08 mm, Number of poles: 10, 90°, Solder pin
Qty.	50 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/05/180 1....	Version
Order No.	<a href="#">1775632001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248157570	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/05/180 3....	Version
Order No.	<a href="#">1838010000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348077	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

### 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.

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

## General ordering data

Type	SL-SMT 5.08HC/05/180 1...	Version
Order No.	<a href="#">1775634001</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248159611	1.5 mm, tinned, black, Tape
Qty.	250 ST	

## 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/05/180G 1...	Version
Order No.	<a href="#">1775952001</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248158942	1.5 mm, tinned, black, Box
Qty.	50 ST	
Type	SL-SMT 5.08HC/05/180G 3...	Version
Order No.	<a href="#">1838240000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248348305	3.2 mm, tinned, black, Box
Qty.	50 ST	

## 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.

## General ordering data

Type	SL-SMT 5.08HC/05/180G 1...	Version
Order No.	<a href="#">1775954001</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248160143	1.5 mm, tinned, black, Tape
Qty.	250 ST	

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

## 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/05/270GH ...	Version
Order No.	<a href="#">1877400000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l):
GTIN (EAN)	4032248468034	
Qty.	50 ST	3.2 mm, tinned, black, Box

## 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/05/270GH ...	Version
Order No.	<a href="#">1877620000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l):
GTIN (EAN)	4032248468218	
Qty.	225 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/05/270GH ...	Version
Order No.	<a href="#">1877840000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l):
GTIN (EAN)	4032248468492	
Qty.	225 ST	3.2 mm, tinned, black, Tape

## 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.

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### General ordering data

Type	SL-SMT 5.08HC/05/270GL ...	Version
Order No.	<a href="#">1877150000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l): 1.5 mm, tinned, black, Box
GTIN (EAN)	4032248467600	
Qty.	50 ST	
Type	SL-SMT 5.08HC/05/270GL ...	Version
Order No.	<a href="#">1877520000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l): 3.2 mm, tinned, black, Box
GTIN (EAN)	4032248468140	
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/05/270GL ...	Version
Order No.	<a href="#">1877770000</a>	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 270°, Solder pin length (l): 1.5 mm, tinned, black, Tape
GTIN (EAN)	4032248468423	
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/05/90 1.5...	Version
Order No.	<a href="#">1774792001</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, black, Box
GTIN (EAN)	4032248155828	
Qty.	50 ST	
Type	SL-SMT 5.08HC/05/90 3.2...	Version
Order No.	<a href="#">1779980000</a>	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box
GTIN (EAN)	4032248165308	
Qty.	50 ST	

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

## 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/05/90 1.5...	Version
Order No.	<a href="#">1774794001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248167685	connection, 5.08 mm, Number of poles: 5, 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/05/90G 1....	Version
Order No.	<a href="#">1775032001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156092	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/05/90G 3....	Version
Order No.	<a href="#">1780210000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165537	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

## 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.

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### General ordering data

Type	SL-SMT 5.08HC/05/90G 1...	Version
Order No.	<a href="#">1775034001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248167753	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

### 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 5.08/05/180 SN BK BX	Version
Order No.	<a href="#">1335610000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118140149	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	72 ST	
Type	SLF 5.08/05/180 SN OR BX	Version
Order No.	<a href="#">1335360000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118140576	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	72 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.

### General ordering data

Type	SLF 5.08/05/180B SN BK ...	Version
Order No.	<a href="#">1335830000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118138870	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	66 ST	
Type	SLF 5.08/05/180B SN OR ...	Version
Order No.	<a href="#">1335470000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118138931	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	66 ST	

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### 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 5.08/05/180DF SN OR...	Version
Order No.	<a href="#">1353620000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118156416	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	36 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 5.08/05/180DF SN OR...	Version
Order No.	<a href="#">1353390000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4050118156126	180°, TOP connection, Clamping range, max. : 2.5 mm², Box
Qty.	36 ST	

### 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 5.08/05/180B SN OR ...	Version
Order No.	<a href="#">1611740000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190192624	180°, TOP connection, Clamping range, max. : 2.5 mm², Box
Qty.	50 ST	

## BLF 5.08HC/05/90 SN OR BX

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## Counterpart

### 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 5.08/05/180 SN OR BX	Version	
Order No.	<a href="#">1627120000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,	
GTIN (EAN)	4008190199630	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,	
Qty.	72 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 5.08/05/180B SN OR ...	Version	
Order No.	<a href="#">1627270000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,	
GTIN (EAN)	4008190199784	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,	
Qty.	66 ST	Box	