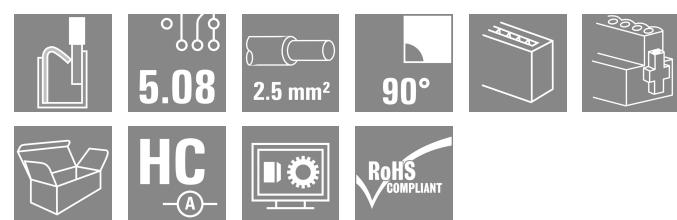


## BLF 5.08HC/02/90F SN OR BX

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

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## Product image



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: 2, 90°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Order No.	<a href="#">1002090000</a>
Type	BLF 5.08HC/02/90F SN OR BX
GTIN (EAN)	4032248694044
Qty.	90 items
Product data	IEC: 400 V / 24 A / 0.2 - 2.5 mm <sup>2</sup> 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	20.6 mm	Height (inches)	0.811 inch
Width	19.96 mm	Width (inches)	0.7858 inch
Net weight	5.25 g		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Product Carbon Footprint	Cradle to gate 0,316 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	2		
L1 in mm	5.08 mm		
L1 in inches	0.200 "		
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.	7 N		
Pulling force/pole, max.	5.5 N		
Tightening torque	Torque type	Screw flange	
	Usage information	Tightening torque	min. 0.2 Nm
			max. 0.25 Nm

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## Technical data

## 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
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, 0.25 mm <sup>2</sup> min.	
w. plastic collar ferrule, DIN 46228 pt 4, 2.5 mm <sup>2</sup> max.	
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>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H0,5/10</a>
	Cross-section for conductor connection	Type	fine-wired
	nominal	0.75 mm <sup>2</sup>	
	wire end ferrule	Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H0,75/16 W</a>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H0,75/10</a>
	Cross-section for conductor connection	Type	fine-wired
	nominal	1 mm <sup>2</sup>	
	wire end ferrule	Stripping length	nominal 12 mm
		Recommended wire-end ferrule	<a href="#">H1,0/16D R</a>
		Stripping length	nominal 10 mm
		Recommended wire-end ferrule	<a href="#">H1,0/10</a>
	Cross-section for conductor connection	Type	fine-wired
	nominal	1.5 mm <sup>2</sup>	
	wire end ferrule	Stripping length	nominal 10 mm

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## Technical data

	Recommended wire-end ferrule	<a href="#">H1,5/10</a>
	Stripping length	nominal 12 mm
	Recommended wire-end ferrule	<a href="#">H1,5/16 R</a>
Cross-section for conductor connection	Type	fine-wired
wire end ferrule	nominal	2.5 mm <sup>2</sup>
	Stripping length	nominal 10 mm
	Recommended wire-end ferrule	<a href="#">H2,5/10</a>
	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.

## 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	347.00 mm
VPE width	135.00 mm	VPE height	33.00 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
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## Technical data

Test: Misengagement (Non-interchangeability)	Test	mark of origin, type identification, pitch, type of material, date clock
	Evaluation	available
	Test	durability
	Evaluation	passed
	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
	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
Test: Clampable cross section	Conductor type	Type of conductor solid 0.2 mm <sup>2</sup> and conductor cross-section
		Type of conductor stranded 0.2 mm <sup>2</sup> and conductor cross-section
		Type of conductor solid 2.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor stranded 2.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor AWG 26/1 and conductor cross-section
		Type of conductor AWG 26/19 and conductor cross-section
		Type of conductor AWG 14/1 and conductor cross-section
		Type of conductor AWG 14/19 and conductor cross-section
	Evaluation	passed
	Standard	DIN EN 60999-1 section 9.4 / 12.00
Test for damage to and accidental loosening of conductors	Requirement	0.2 kg
	Conductor type	Type of conductor AWG 26/1 and conductor cross-section
		Type of conductor AWG 26/19 and conductor cross-section
	Evaluation	passed
	Requirement	0.3 kg
	Conductor type	Type of conductor H05V-U0.5 and conductor cross-section
		Type of conductor H05V-K0.5 and conductor cross-section
	Evaluation	passed
	Requirement	0.7 kg
	Conductor type	Type of conductor H07V-U2.5 and conductor cross-section
		Type of conductor H07V-K2.5 and conductor cross-section
	Evaluation	passed

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## Technical data

	Requirement	0.9 kg
	Conductor type	Type of conductor AWG 12/1 and conductor cross-section
		Type of conductor AWG 12/19 and conductor cross-section
	Evaluation	passed
Pull-out test	Standard	DIN EN 60999-1 section 9.5 / 12.00
	Requirement	≥10 N
	Conductor type	Type of conductor AWG 26/1 and conductor cross-section
		Type of conductor AWG 26/19 and conductor cross-section
	Evaluation	passed
	Requirement	≥20 N
	Conductor type	Type of conductor H05V-U0.5 and conductor cross-section
		Type of conductor H05V-K0.5 and conductor cross-section
	Evaluation	passed
	Requirement	≥50 N
	Conductor type	Type of conductor H07V-U2.5 and conductor cross-section
		Type of conductor H07V-K2.5 and conductor cross-section
	Evaluation	passed
	Requirement	≥60 N
	Conductor type	Type of conductor AWG 12/1 and conductor cross-section
		Type of conductor AWG 12/19 and conductor cross-section
	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	<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> <li>Wire end ferrule with plastic collar to DIN 46228/4</li> <li>P on drawing = pitch</li> <li>Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool recommended.</li> <li>The test point can only be used as potential-pickup point.</li> <li>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</li> <li>Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li> </ul>

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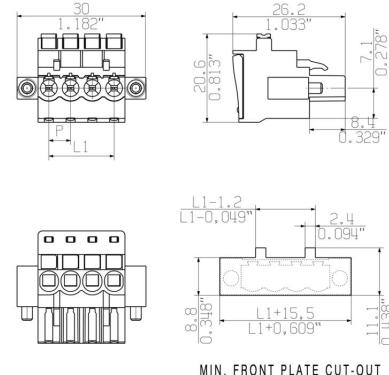
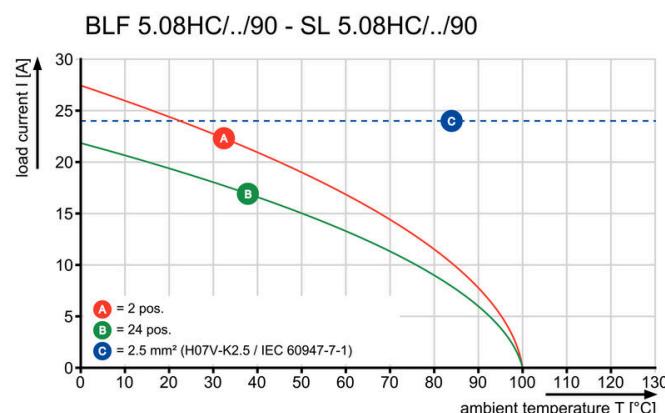
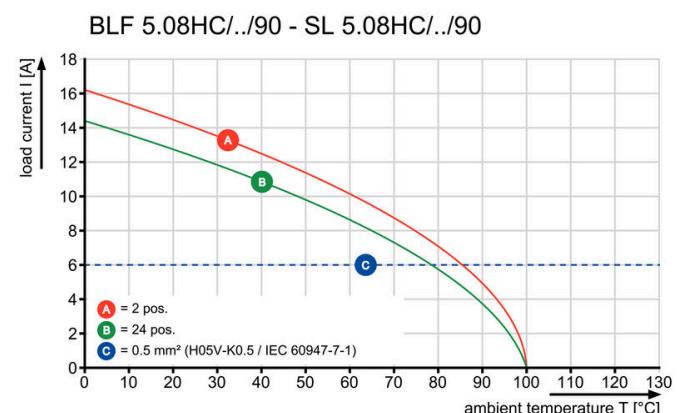
**Technical data****Classifications**

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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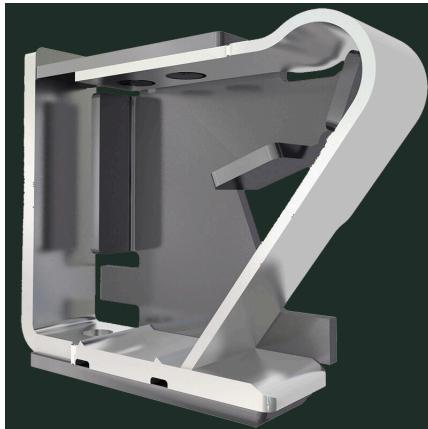
**Drawings****Product image****Dimensional drawing****Graph****Graph**

Uncompromising functionalityHigh vibration resistance

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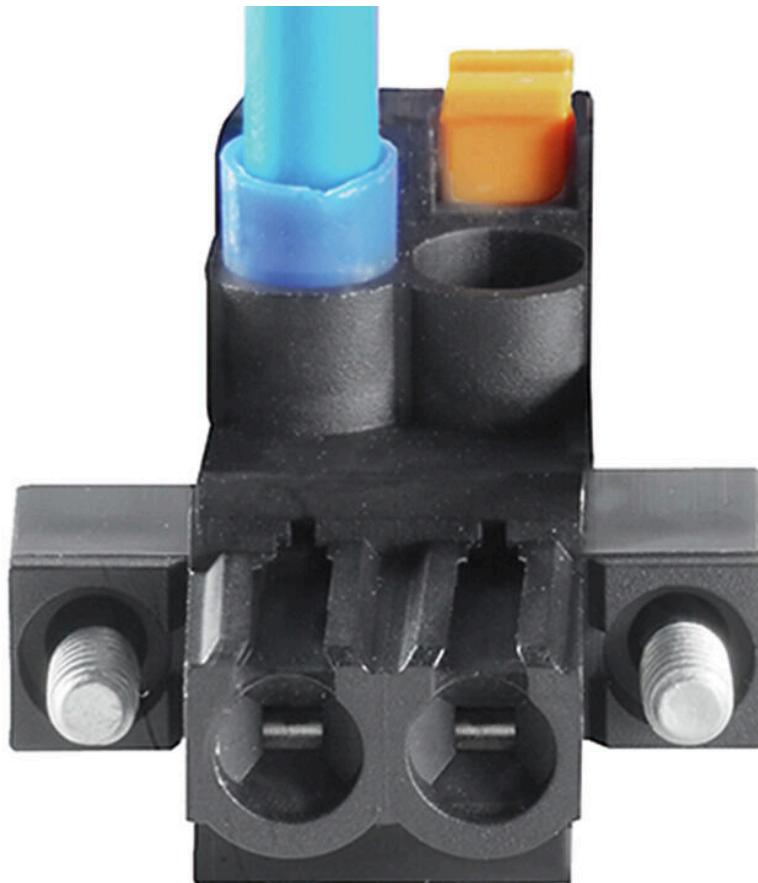
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**Drawings****Product benefits**

Solid PUSH IN contactSafe 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

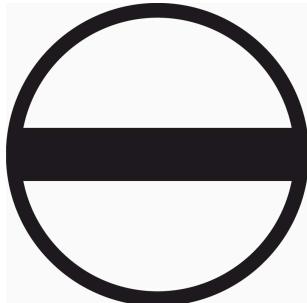
The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

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
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
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
GTIN (EAN)	4050118897012	thickness (A): 0.6 mm
Qty.	1 ST	

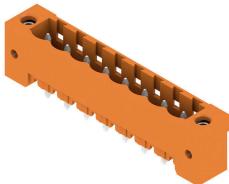
## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

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## SL 5.08HC/180F

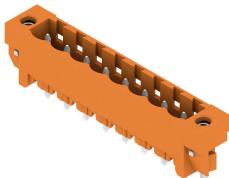


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/02/180F 3.2SN...	Version
Order No.	<a href="#">1148490000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248931507	5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box
Qty.	90 ST	
Type	SL 5.08HC/02/180F 3.2SN...	Version
Order No.	<a href="#">1147130000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248931040	5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box
Qty.	90 ST	

## SL 5.08HC/180LF



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/02/180LF 3.2S...	Version
Order No.	<a href="#">1149220000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248932603	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/180LF 3.2S...	Version
Order No.	<a href="#">1147890000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248931804	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, orange, Box

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## Counterpart

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## SL 5.08HC/90F



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/02/90F 3.2SN ...	Version
Order No.	<a href="#">1150090000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248936960	5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box
Qty.	90 ST	
Type	SL 5.08HC/02/90F 3.2SN ...	Version
Order No.	<a href="#">1148610000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248935680	5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box
Qty.	90 ST	

## SL 5.08HC/90LF



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/02/90LF 3.2SN...	Version
Order No.	<a href="#">1150340000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248936304	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/90LF 3.2SN...	Version
Order No.	<a href="#">1149380000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248935864	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, orange, Box

## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

## SL-SMT 5.08/180F 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/02/180F 1...	Version
Order No.	<a href="#">1837320000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248345915	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/180F 3...	Version
Order No.	<a href="#">1837860000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347674	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/180LF 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/02/180LF ...	Version
Order No.	<a href="#">1776362001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248159147	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/180LF ...	Version
Order No.	<a href="#">1838440000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248348503	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box

## BLF 5.08HC/02/90F SN OR BX

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Germany

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## Counterpart

## SL-SMT 5.08/180LF 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/02/180LF ...	Version
Order No.	<a href="#">1776364001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248163472	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08/270FH 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/02/270FH ...	Version
Order No.	<a href="#">1877190000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248467754	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/270FH 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/02/270FH ...	Version
Order No.	<a href="#">1876920000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248467501	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	335 ST	1.5 mm, tinned, black, Tape

## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

## SL-SMT 5.08/270FL Box

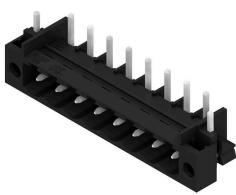


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/02/270FL ...	Version
Order No.	<a href="#">1876850000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248467679	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/270FL 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/02/270FL ...	Version
Order No.	<a href="#">1876990000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248467648	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/02/270FL ...	Version
Order No.	<a href="#">1876730000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248467242	connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l):
Qty.	350 ST	3.2 mm, tinned, black, Tape

## SL-SMT 5.08HC/90F 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.

## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

## General ordering data

Type	SL-SMT 5.08HC/02/90F 3...	Version
Order No.	<a href="#">1837630000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347445	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08HC/90LF 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/02/90LF 1...	Version
Order No.	<a href="#">1775232001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248157211	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/02/90LF 3...	Version
Order No.	<a href="#">1780410000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165735	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08HC/90LF 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/02/90LF 1...	Version
Order No.	<a href="#">1775234001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248167784	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

## SLDV-THR 5.08/180F



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SLDV-THR 5.08/04/180F 1...	Version
Order No.	<a href="#">1828890000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335589	connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l):
Qty.	52 ST	1.5 mm, tinned, black, Box
Type	SLDV-THR 5.08/04/180F 3...	Version
Order No.	<a href="#">1828770000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335442	connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l):
Qty.	52 ST	3.2 mm, tinned, black, Box

## SLDV-THR 5.08/180FLF

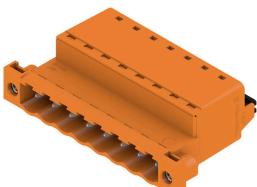


High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SLDV-THR 5.08/04/180FLF...	Version
Order No.	<a href="#">1829010000</a>	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248335701	solder connection, 5.08 mm, Number of poles: 4, 180°, Solder pin
Qty.	52 ST	length (l): 3.2 mm, tinned, black, Box

## SLF 5.08/180F 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.

## BLF 5.08HC/02/90F SN OR BX

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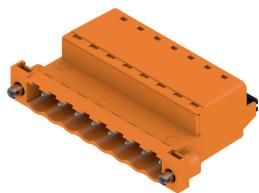
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## Counterpart

## General ordering data

Type	SLF 5.08/02/180F SN BK ...	Version
Order No.	<a href="#">1336170000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118140026	
Qty.	90 ST	
Type	SLF 5.08/02/180F SN OR ...	Version
Order No.	<a href="#">1335590000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118139242	
Qty.	90 ST	

## SLF 5.08/180FI 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 5.08/02/180FI SN BK...	Version
Order No.	<a href="#">1336040000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118139600	
Qty.	90 ST	
Type	SLF 5.08/02/180FI SN OR...	Version
Order No.	<a href="#">1336400000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4050118140293	
Qty.	90 ST	

## SLS 5.08/180F



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 5.08/02/180F SN OR ...	Version
Order No.	<a href="#">1846360000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2, 180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
GTIN (EAN)	4032248362066	
Qty.	90 ST	

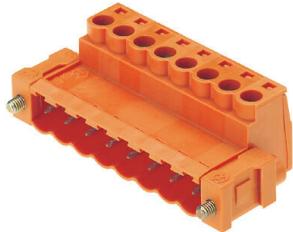
## BLF 5.08HC/02/90F SN OR BX

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## Counterpart

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## SLS 5.08/180FI



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 5.08/02/180FI SN OR...	Version
Order No.	<a href="#">1846210000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4032248362493	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	90 ST	Box