

**BLT 5.08HC/03/180F SN BK BX**

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

www.weidmueller.com

**Product image**


Female plugs with TOP screw connection system for connecting wires with straight outlet direction and screw flange. The female connectors provide space for labelling and can be coded. HC = High Current.

**General ordering data**

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 3, 180°, TOP connection, Clamping range, max. : 2.5 mm², Box
Order No.	<a href="#">1844230000</a>
Type	BLT 5.08HC/03/180F SN BK BX
GTIN (EAN)	4032248356164
Qty.	72 items
Product data	IEC: 400 V / 27 A / 0.2 - 2.5 mm² UL: 300 V / 17 A / AWG 26 - AWG 14
Packaging	Box

## BLT 5.08HC/03/180F SN BK BX

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

### Dimensions and weights

Depth	31.8 mm	Depth (inches)	1.252 inch
Height	12.2 mm	Height (inches)	0.4803 inch
Width	25.04 mm	Width (inches)	0.9858 inch
Net weight	9.56 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	TOP connection		
Pitch in mm (P)	5.08 mm		
Pitch in inches (P)	0.200 "		
Conductor outlet direction	180°		
Number of poles	3		
L1 in mm	10.16 mm		
L1 in inches	0.400 "		
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	13 mm		
Clamping screw	M 2.5		
Screwdriver blade	0.6 x 3.5		
Screwdriver blade standard	DIN 5264		
Plugging cycles	25		
Plugging force/pole, max.	8 N		
Pulling force/pole, max.	7 N		
Tightening torque	Torque type	Wire connection	
	Usage information	Tightening torque	min. 0.4 Nm
			max. 0.5 Nm
	Torque type	Screw flange	
Usage information	Tightening torque	min. 0.2 Nm	
		max. 0.25 Nm	

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### Material data

Insulating material	PBT	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	Illa
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.	-25 °C	Temperature range, installation, max.	100 °C

### Conductors suitable for connection

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 28
Wire connection cross section AWG, max.	AWG 14
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.	0.2 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm <sup>2</sup>
Plug gauge in accordance with EN 60999 a x b; ø	2.4 mm x 1.5 mm ; 2.4 mm

Clampable conductor	Cross-section for conductor connection	Type	fine-wired
		nominal	0.5 mm <sup>2</sup>
	wire end ferrule	Stripping length	nominal 14 mm
		Recommended wire-end ferrule	<a href="#">H0.5/18 OR</a>
	Cross-section for conductor connection	Type	fine-wired
		nominal	1 mm <sup>2</sup>
	wire end ferrule	Stripping length	nominal 15 mm
		Recommended wire-end ferrule	<a href="#">H1.0/18 GE</a>
	Cross-section for conductor connection	Type	fine-wired
		nominal	1.5 mm <sup>2</sup>
	wire end ferrule	Stripping length	nominal 15 mm
		Recommended wire-end ferrule	<a href="#">H1.5/18D SW</a>
Stripping length		nominal 12 mm	
Recommended wire-end ferrule		<a href="#">H1.5/12</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)	27 A
Rated current, max. number of poles (Tu=20°C)	19 A	Rated current, min. number of poles (Tu=40°C)	24 A

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### Technical data

Rated current, max. number of poles (Tu=40°C)	16 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 100 A

#### Rated data acc. to CSA

Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	15 A	Rated current (Use group D / CSA)	15 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14

#### 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)	17 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

#### Packing

Packaging	Box	VPE length	352.00 mm
VPE width	136.00 mm	VPE height	38.00 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 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 / 11.06	
	Test	180° turned with coding elements	
	Evaluation	passed	
	Test	visual examination	
Test: Clampable cross section	Standard	DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02	
	Conductor type	Type of conductor and conductor cross-section	solid 0.08 mm <sup>2</sup>
		Type of conductor and conductor cross-section	stranded 0.08 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

**Technical data**

Test for damage to and accidental loosening of conductors		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 28/1
		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	solid 0.5 mm <sup>2</sup>	
	Type of conductor and conductor cross-section	stranded 0.5 mm <sup>2</sup>	
Evaluation	passed		
Requirement	0.7 kg		
Conductor type	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 14/1	
	Type of conductor and conductor cross-section	AWG 14/19	
Evaluation	passed		
Standard	DIN EN 60999-1 section 9.5 / 12.00		
Requirement	≥5 N		
Conductor type	Type of conductor and conductor cross-section	AWG 28/1	
Evaluation	passed		
Requirement	≥10 N		
Conductor type	Type of conductor and conductor cross-section	AWG 26/19	
Evaluation	passed		
Requirement	≥20 N		
Conductor type	Type of conductor and conductor cross-section	solid 0.5 mm <sup>2</sup>	
	Type of conductor and conductor cross-section	stranded 0.5 mm <sup>2</sup>	
Evaluation	passed		
Requirement	≥40 N		
Pull-out test		Type of conductor and conductor cross-section	AWG 28/1
		Type of conductor and conductor cross-section	AWG 26/19
	Evaluation	passed	
	Requirement	≥10 N	
	Conductor type	Type of conductor and conductor cross-section	AWG 26/19
	Evaluation	passed	
	Requirement	≥20 N	
	Conductor type	Type of conductor and conductor cross-section	solid 0.5 mm <sup>2</sup>
		Type of conductor and conductor cross-section	stranded 0.5 mm <sup>2</sup>
	Evaluation	passed	
Requirement	≥40 N		

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Conductor type	Type of conductor and conductor cross-section	AWG 14/1
	Type of conductor and conductor cross-section	AWG 14/19
Evaluation	passed	
Requirement	≥50 N	
Conductor type	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>
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
  - Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.
  - P on drawing = pitch
  - Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
  - In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
  - Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

### 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**



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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	

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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/03/180F 3.2SN...	Version
Order No.	<a href="#">1148520000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248932429	5.08 mm, Number of poles: 3, 180°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, black, Box
Type	SL 5.08HC/03/180F 3.2SN...	Version
Order No.	<a href="#">1147170000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248930906	5.08 mm, Number of poles: 3, 180°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, orange, Box

## 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/03/180LF 3.2S...	Version
Order No.	<a href="#">1149250000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248932207	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/03/180LF 3.2S...	Version
Order No.	<a href="#">1147920000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248931705	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 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/03/90F 3.2SN ...	Version
Order No.	<a href="#">1150100000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248936298	5.08 mm, Number of poles: 3, 90°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, black, Box
Type	SL 5.08HC/03/90F 3.2SN ...	Version
Order No.	<a href="#">1148640000</a>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248935987	5.08 mm, Number of poles: 3, 90°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, orange, Box

## 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/03/90LF 3.2SN...	Version
Order No.	<a href="#">1150350000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248937431	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/03/90LF 3.2SN...	Version
Order No.	<a href="#">1149410000</a>	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248936700	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, orange, Box

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## Counterpart

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## 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/03/180F 3...	Version
Order No.	<a href="#">1820600000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248316564	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 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/03/180LF ...	Version
Order No.	<a href="#">1776372001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248159154	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/180LF ...	Version
Order No.	<a href="#">1838450000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248348510	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/180LF ...	Version
Order No.	<a href="#">2086580000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4050118420517	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	144 ST	5.5 mm, tinned, black, Box

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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/03/180LF ...	Version
Order No.	<a href="#">1776374001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
GTIN (EAN)	4032248163496	
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/03/270FH ...	Version
Order No.	<a href="#">1877210000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467778	
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/03/270FH ...	Version
Order No.	<a href="#">1876930000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467389	
Qty.	225 ST	1.5 mm, tinned, black, Tape

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**Counterpart**

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**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/03/270FL ...	Version
Order No.	<a href="#">1878110000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248468911	
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	<a href="#">1876860000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467440	
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/03/270FL ...	Version
Order No.	<a href="#">1877000000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467655	
Qty.	350 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	<a href="#">1876720000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467235	
Qty.	350 ST	3.2 mm, tinned, black, Tape

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## 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.

## General ordering data

Type	SL-SMT 5.08HC/03/90F 3...	Version
Order No.	<a href="#">1837640000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347452	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 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/03/90LF 1...	Version
Order No.	<a href="#">1775242001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248157228	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/90LF 3...	Version
Order No.	<a href="#">1780420000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165742	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 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.

## BLT 5.08HC/03/180F SN BK BX

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

www.weidmueller.com

## Counterpart

## General ordering data

Type	SL-SMT 5.08HC/03/90LF 1...	Version
Order No.	<a href="#">1775244001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248167791	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## 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 5.08/06/180F 1...	Version
Order No.	<a href="#">1828900000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335596	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	44 ST	1.5 mm, tinned, black, Box
Type	SLDV-THR 5.08/06/180F 3...	Version
Order No.	<a href="#">1828780000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335466	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	44 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 5.08/06/180FLF...	Version
Order No.	<a href="#">1829020000</a>	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248335718	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	44 ST	length (l): 3.2 mm, tinned, black, Box

**BLF 5.08HC/03/180F SN BK BX**

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 Germany

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**Counterpart**

**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.

**General ordering data**

Type	SLF 5.08/03/180F SN BK ...	Version
Order No.	<a href="#">1336180000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4050118140316	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	72 ST	
Type	SLF 5.08/03/180F SN OR ...	Version
Order No.	<a href="#">1335620000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4050118139365	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	72 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 5.08/03/180FI SN BK...	Version
Order No.	<a href="#">1336050000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4050118139631	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	72 ST	
Type	SLF 5.08/03/180FI SN OR...	Version
Order No.	<a href="#">1336410000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4050118140286	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	72 ST	

## BLT 5.08HC/03/180F SN BK BX

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## Counterpart

## SLS 5.08/180F

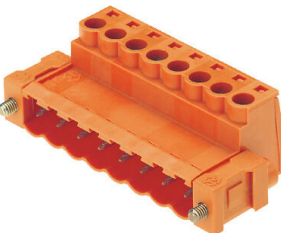


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/03/180F SN OR ...	Version
Order No.	<a href="#">1846370000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4032248362073	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	72 ST	Box

## 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 5.08/03/180FI SN OR...	Version
Order No.	<a href="#">1846220000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4032248362509	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	72 ST	Box