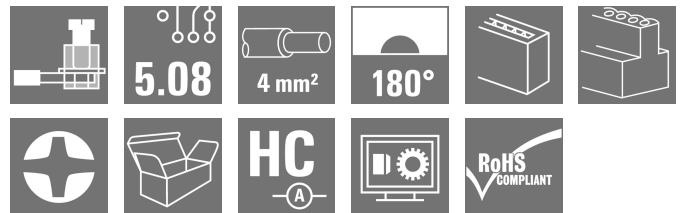


BLZP 5.08HC/12/180 SN BK BX
Weidmüller Interface GmbH & Co. KG

 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com
Product image


Female plug with clamping-yoke screw system for connecting wires with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. They also provide an integrated plus/minus screw, protection against faulty insertion of the wire, and they are delivered with open clamping yokes. HC = High Current.

General ordering data

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12, 180°, Clamping yoke connection, Clamping range, max. : 4 mm², Box
Order No.	1943910000
Type	BLZP 5.08HC/12/180 SN BK BX
GTIN (EAN)	4032248618040
Qty.	30 items
Product data	IEC: 400 V / 23 A / 0.2 - 4 mm² UL: 300 V / 20 A / AWG 26 - AWG 12
Packaging	Box

BLZP 5.08HC/12/180 SN BK BX

Weidmüller Interface GmbH & Co. KG

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D-32758 Detmold

Germany

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	20.1 mm	Depth (inches)	0.7913 inch
Height	16 mm	Height (inches)	0.6299 inch
Width	60.96 mm	Width (inches)	2.4 inch
Net weight	20.36 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	Clamping yoke connection		
Pitch in mm (P)	5.08 mm		
Pitch in inches (P)	0.200 "		
Conductor outlet direction	180°		
Number of poles	12		
L1 in mm	55.88 mm		
L1 in inches	2.200 "		
Number of rows	1		
Pin series quantity	1		
Rated cross-section	4 mm ²		
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	7 mm		
Clamping screw	M 2.5		
Screwdriver blade	0.6 x 3.5, PH 1, PZ 1		
Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ		
Plugging cycles	25		
Plugging force/pole, max.	10 N		
Pulling force/pole, max.	9 N		
Tightening torque	Torque type	Wire connection	
	Usage information	Tightening torque	min. 0.4 Nm
			max. 0.5 Nm

BLZP 5.08HC/12/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**

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Technical data**Material data**

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

Conductors suitable for connection

Clamping range, min.	0.13 mm ²
Clamping range, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 30
Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm ² min.	
w. plastic collar ferrule, DIN 46228 pt 4, 2.5 mm ² max.	
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²
w. wire end ferrule, DIN 46228 pt 1, max.	4 mm ²
Plug gauge in accordance with EN 60999 a x b; ø	2.8 mm x 2.4 mm

Clampable conductor	Cross-section for conductor connection	Type	fine-wired	
		nominal	0.5 mm ²	
wire end ferrule		Stripping length	nominal	6 mm
		Recommended wire-end ferrule	H0.5/6	
		Stripping length	nominal	8 mm
		Recommended wire-end ferrule	H0.5/12 OR	
Cross-section for conductor connection		Type	fine-wired	
		nominal	1 mm ²	
wire end ferrule		Stripping length	nominal	6 mm
		Recommended wire-end ferrule	H1.0/6	
Cross-section for conductor connection		Type	fine-wired	
		nominal	1.5 mm ²	
wire end ferrule		Stripping length	nominal	7 mm
		Recommended wire-end ferrule	H1.5/7	
Cross-section for conductor connection		Type	fine-wired	
		nominal	2.5 mm ²	
wire end ferrule		Stripping length	nominal	7 mm
		Recommended wire-end ferrule	H2.5/7	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H2.5/15D BL	

BLZP 5.08HC/12/180 SN BK BX

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Technical data

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)	23 A
Rated current, max. number of poles (Tu=20°C)	18 A	Rated current, min. number of poles (Tu=40°C)	21 A
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 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 C / CSA)	50 V
Rated voltage (Use group D / CSA)	300 V	Rated current (Use group B / CSA)	20 A
Rated current (Use group D / CSA)	20 A	Wire cross-section, AWG, min.	AWG 30
Wire cross-section, AWG, max.	AWG 12	Reference to approval values	Specifications are maximum values, details - see approval certificate.

Rated data acc. to UL 1059

Institute (UR)	UR	Certificate No. (UR)	E60693
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)	20 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	139.00 mm	VPE height	31.00 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, rated voltage, rated cross-section, type of material
	Evaluation	available
	Test	durability
Test: Misengagement (Non-interchangeability)	Evaluation	passed
	Standard	DIN EN 60512-13-5 / 11.06, IEC 60512-13-5 / 02.06
	Test	180° turned with coding elements
	Evaluation	passed
	Test	visual examination
	Evaluation	passed

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Technical data

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 0.2 mm ²
		Type of conductor and conductor cross-section	stranded 0.2 mm ²
		Type of conductor and conductor cross-section	solid 2.5 mm ²
		Type of conductor and conductor cross-section	stranded 2.5 mm ²
		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	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	solid 0.5 mm ²
		Type of conductor and conductor cross-section	stranded 0.5 mm ²
	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
Pull-out test	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
	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	

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Technical data

Requirement	≥60 N
Conductor type	Type of conductor and conductor cross-section H07V-U4.0
	Type of conductor and conductor cross-section H07V-K4.0
	Type of conductor and conductor cross-section AWG 12/1
	Type of conductor and conductor cross-section AWG 12/19
Evaluation	passed

Important note

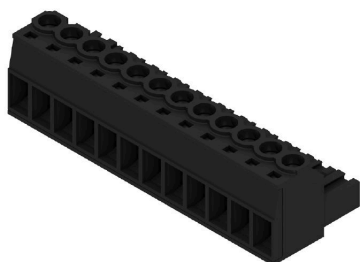
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<ul style="list-style-type: none"> • 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 • 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

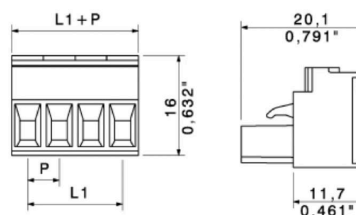
ETIM 6.0	EC002638	ETIM 7.0	EC002638
ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09
ECLASS 11.0	27-46-02-02	ECLASS 12.0	27-46-02-02
ECLASS 13.0	27-46-02-02	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

Drawings

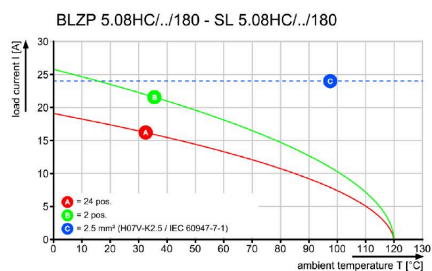
Product image



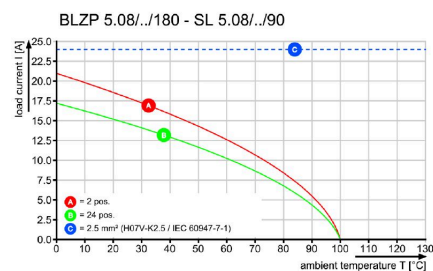
Dimensional drawing



Graph



Graph



BLZP 5.08HC/12/180 SN BK BX

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Accessories

Strain reliefs



For frequent load changes: the "trailer coupling" for plug-in connectors.

The strain relief can do more than just relieve the strain on conductors:

Simply clip onto the plug and

- bundle conductors
- guide cables
- use as a connection and disconnection aid

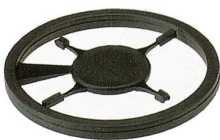
No damage to the connecting points, clear, tidy wiring and easy to handle.

User advantages: permanent heavy-duty connections for harsh industrial environments and convenient operation ensure improved system availability.

General ordering data

Type	BLZ 5.08 ZE04 OR BX	Version
Order No.	1652110000	PCB plug-in connector, Accessories, Strain relief, orange, Number of
GTIN (EAN)	4008190401788	poles: 4
Qty.	50 ST	
Type	BLZ 5.08 ZE04 BK BX	Version
Order No.	1652130000	PCB plug-in connector, Accessories, Strain relief, black, Number of
GTIN (EAN)	4008190401801	poles: 4
Qty.	50 ST	
Type	BLZ 5.08 ZE08 OR BX	Version
Order No.	1652050000	PCB plug-in connector, Accessories, Strain relief, orange, Number of
GTIN (EAN)	4008190401726	poles: 8
Qty.	50 ST	
Type	BLZ 5.08 ZE08 BK BX	Version
Order No.	1652070000	PCB plug-in connector, Accessories, Strain relief, black, Number of
GTIN (EAN)	4008190401740	poles: 8
Qty.	50 ST	

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 OR BX	Version
Order No.	1573010000	PCB plug-in connector, Accessories, Coding element, orange, Number
GTIN (EAN)	4008190048396	of poles: 1
Qty.	100 ST	

BLZP 5.08HC/12/180 SN BK BX

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Accessories

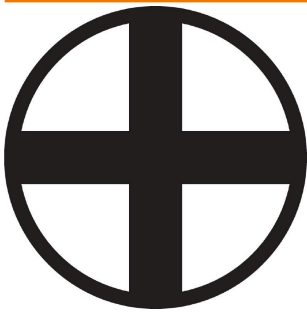
Type	BLZ/SL KO BK BX	Version
Order No.	1545710000	PCB plug-in connector, Accessories, Coding element, black, Number
GTIN (EAN)	4008190087142	of poles: 1
Qty.	50 ST	

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.	2749340000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 ST	
Type	SDIS 0.6X3.5X100	Version
Order No.	2749810000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118897012	thickness (A): 0.6 mm
Qty.	1 ST	

Crosshead screwdriver Phillips

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

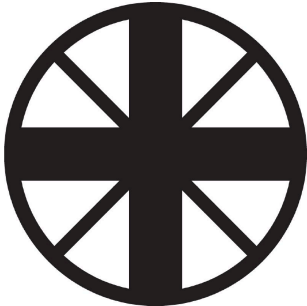
General ordering data

Type	SDK PH1 X 80	Version
Order No.	2749410000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118895636	
Qty.	1 ST	

BLZP 5.08HC/12/180 SN BK BX

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Accessories**Crosshead screwdriver Pozidriv**

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PZ1 X 80	Version	
Order No.	2749440000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1	
GTIN (EAN)	4050118895667		
Qty.	1 ST		

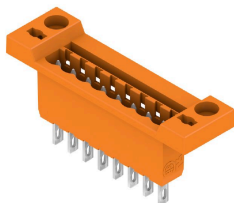
BLZP 5.08HC/12/180 SN BK BX

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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 12 SN BK ...	Version
Order No.	1635840000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4008190264277	180°, Flat-blade connection, Solder connection, Box
Qty.	50 ST	
Type	SLDF 5.08 L/F 12 SN OR ...	Version
Order No.	1599230000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4008190155100	180°, Flat-blade connection, Solder connection, Box
Qty.	18 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 5.08/12/135 3.2SN OR...	Version
Order No.	1603160000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190094638	connection, 5.08 mm, Number of poles: 12, 135°, Solder pin length
Qty.	50 ST	(l): 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.

BLZP 5.08HC/12/180 SN BK BX

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Counterpart**General ordering data**

Type	SL 5.08/12/135B 3.2SN O...	Version
Order No.	1605630000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190068738	solder connection, 5.08 mm, Number of poles: 12, 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 5.08/12/180 3.2SN OR...	Version
Order No.	1518260000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190070991	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 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 5.08/12/180B 3.2SN O...	Version
Order No.	1520560000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190169077	solder connection, 5.08 mm, Number of poles: 12, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

BLZP 5.08HC/12/180 SN BK BX

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Counterpart

SL 5.08/90

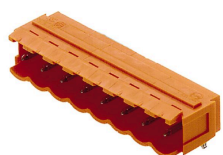


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/12/90 3.2SN OR ...	Version
Order No.	1509060000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190105983	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 5.08/90B

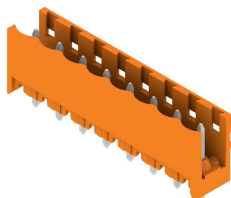


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/12/90B 3.2SN OR...	Version
Order No.	1511360000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190015985	solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

SL 5.08HC/180



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

General ordering data

Type	SL 5.08HC/12/180 3.2SN ...	Version
Order No.	1148330000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248935154	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box

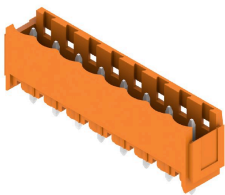
BLZP 5.08HC/12/180 SN BK BX

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Counterpart

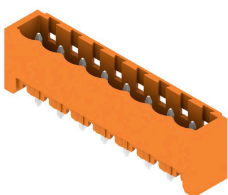
Type	SL 5.08HC/12/180 3.2SN ...	Version
Order No.	1146570000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248933167	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

SL 5.08HC/180B

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

General ordering data

Type	SL 5.08HC/12/180B 3.2SN...	Version
Order No.	1149730000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248935246	solder connection, 5.08 mm, Number of poles: 12, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/12/180B 3.2SN...	Version
Order No.	1147640000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934355	solder connection, 5.08 mm, Number of poles: 12, 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.

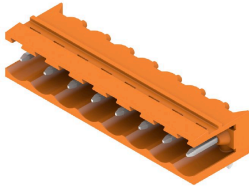
General ordering data

Type	SL 5.08HC/12/180G 3.2SN...	Version
Order No.	1148970000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248934782	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/12/180G 3.2SN...	Version
Order No.	1146950000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248108589	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

BLZP 5.08HC/12/180 SN BK BX

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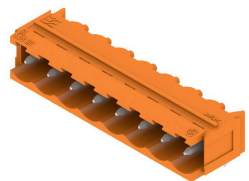
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Counterpart**SL 5.08HC/90**

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/12/90 3.2SN B...	Version
Order No.	1155150000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050714	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/12/90 3.2SN O...	Version
Order No.	1146940000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051407	connection, 5.08 mm, Number of poles: 12, 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/12/90B 3.2SN ...	Version
Order No.	1155690000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050257	solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/12/90B 3.2SN ...	Version
Order No.	1154880000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050943	solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

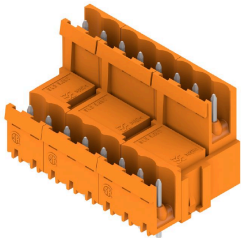
BLZP 5.08HC/12/180 SN BK BX

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Counterpart

SLDV 5.08/180

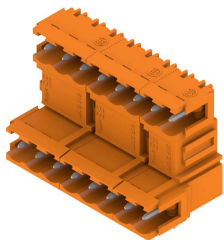


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/24/180 3.2SN ...	Version
Order No.	1725750000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248062041	connection, 5.08 mm, Number of poles: 24, 180°, Solder pin length
Qty.	10 ST	(I): 3.2 mm, tinned, orange, Box

SLDV 5.08/90B

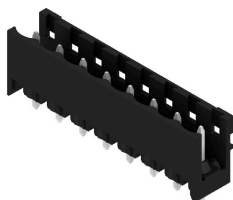


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/24/90B 3.2 SN...	Version
Order No.	1726380000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061358	solder connection, 5.08 mm, Number of poles: 24, 90°, Solder pin
Qty.	10 ST	length (I): 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/12/180 1....	Version
Order No.	1775702001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248158348	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(I): 1.5 mm, tinned, black, Box

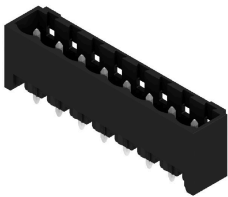
BLZP 5.08HC/12/180 SN BK BX

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Counterpart

Type	SL-SMT 5.08HC/12/180 3...	Version
Order No.	1838080000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348145	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box

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/12/180G 1...	Version
Order No.	1776022001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248159017	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/12/180G 3...	Version
Order No.	1838310000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348374	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, black, Box

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/12/90 3.2...	Version
Order No.	1780050000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165377	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

BLZP 5.08HC/12/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**

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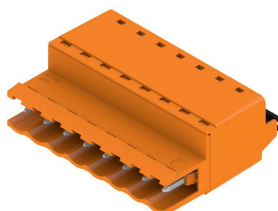
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Counterpart**SL-SMT 5.08HC/90G Box**

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/12/90G 1...	Version
Order No.	1775102001	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
GTIN (EAN)	4032248156573	1.5 mm, tinned, black, Box
Qty.	50 ST	
Type	SL-SMT 5.08HC/12/90G 3...	Version
Order No.	1780280000	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
GTIN (EAN)	4032248165605	3.2 mm, tinned, black, Box
Qty.	50 ST	

SLF 5.08/180 SN

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

General ordering data

Type	SLF 5.08/12/180 SN BK BX	Version
Order No.	1335750000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4050118139075	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	30 ST	
Type	SLF 5.08/12/180 SN OR BX	Version
Order No.	1335430000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4050118138771	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	30 ST	

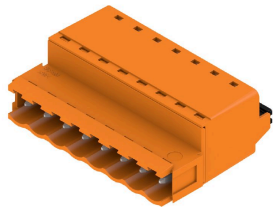
BLZP 5.08HC/12/180 SN BK BX

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Counterpart

SLF 5.08/180B SN

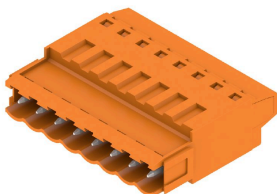


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLF 5.08/12/180B SN BK ...	Version
Order No.	1335990000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4050118138955	180°, PUSH IN with actuator, Clamping range, max.: 3.31 mm², Box
Qty.	24 ST	
Type	SLF 5.08/12/180B SN OR ...	Version
Order No.	1335550000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4050118138917	180°, PUSH IN with actuator, Clamping range, max.: 3.31 mm², Box
Qty.	24 ST	

SLT 5.08B

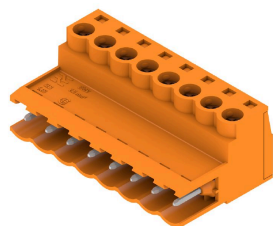


Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

General ordering data

Type	SLT 5.08/12/180B SN OR ...	Version
Order No.	1611810000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4008190192693	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	50 ST	

SLS 5.08/180 SN



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

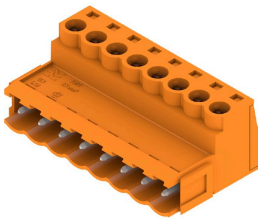
BLZP 5.08HC/12/180 SN BK BX

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Counterpart**General ordering data**

Type	SLS 5.08/12/180 SN OR BX	Version
Order No.	1627190000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4008190199708	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	30 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 5.08/12/180B SN OR ...	Version
Order No.	1627340000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4008190199852	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	24 ST	Box

SLS 5.08TB KF35

Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLS 5.08/12/180TB KF SN...	Version
Order No.	1846170000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4032248362455	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	10 ST	Box

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Counterpart**SLS 5.08TB RF15**

Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLS 5.08/12/180TB RF15 ...	Version
Order No.	1846090000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 12,
GTIN (EAN)	4032248362370	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	10 ST	Box