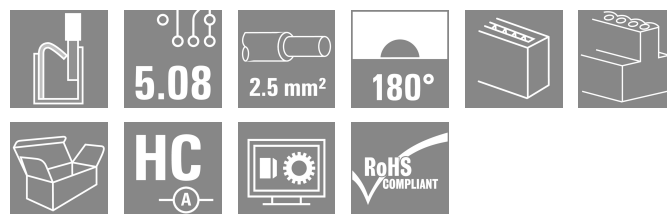
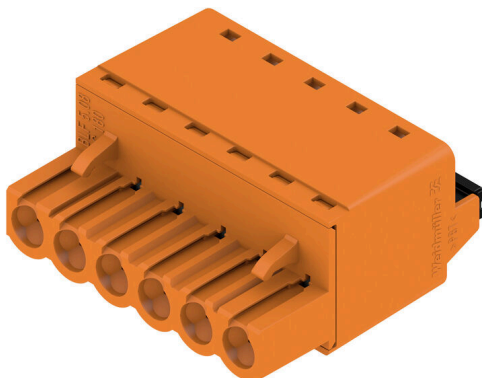


BLF 5.08HC/06/180 SN OR BX
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 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: 6, 180°, PUSH IN with actuator, Clamping range, max.: 3.31 mm², Box
Order No.	1013730000
Type	BLF 5.08HC/06/180 SN OR BX
GTIN (EAN)	4032248721849
Qty.	60 items
Product data	IEC: 400 V / 24 A / 0.2 - 2.5 mm² UL: 300 V / 18.5 A / AWG 26 - AWG 12
Packaging	Box

BLF 5.08HC/06/180 SN OR BX

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

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	27.7 mm	Depth (inches)	1.0905 inch
Height	14.2 mm	Height (inches)	0.5591 inch
Width	30.48 mm	Width (inches)	1.2 inch
Net weight	11.88 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0,939 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	180°
Number of poles	6	L1 in mm	25.40 mm
L1 in inches	1.000 "	Number of rows	1
Pin series quantity	1	Rated cross-section	2.5 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	10 mm
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Plugging cycles	25	Plugging force/pole, max.	7 N
Pulling force/pole, max.	5.5 N		

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Contact surface	tinned	Layer structure of plug contact	4...8 μm Sn hot-dip tinned
Storage temperature, min.	-40 °C	Storage temperature, max.	70 °C
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-30 °C	Temperature range, installation, max.	100 °C

Conductors suitable for connection

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

BLF 5.08HC/06/180 SN OR BX

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Technical data

Wire connection cross section AWG, max.	AWG 12			
Solid, min. H05(07) V-U	0.2 mm²			
Solid, max. H05(07) V-U	2.5 mm²			
Flexible, min. H05(07) V-K	0.2 mm²			
Flexible, max. H05(07) V-K	2.5 mm²			
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm²			
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²			
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm²			
w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm²			
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 mm²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H0.5/16 OR	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H0.5/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	0.75 mm²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H0.75/16 W	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H0.75/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	1 mm²	
	wire end ferrule	Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H1.0/16D R	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H1.0/10	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	1.5 mm²	
	wire end ferrule	Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H1.5/10	
		Stripping length	nominal	12 mm
		Recommended wire-end ferrule	H1.5/16 R	
	Cross-section for conductor connection	Type	fine-wired	
		nominal	2.5 mm²	
	wire end ferrule	Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H2.5/10	
		Stripping length	nominal	10 mm
		Recommended wire-end ferrule	H2.5/14DS BL	
Reference text	The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage.			

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Technical data

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	24 A
Rated current, max. number of poles (Tu=20°C)	19 A	Rated current, min. number of poles (Tu=40°C)	21 A
Rated current, max. number of poles (Tu=40°C)	16.5 A	Rated voltage for surge voltage class / pollution degree II/2	400 V
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	4000 V	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)	200039-112 1690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group D / CSA)	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.

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	352.00 mm
VPE width	135.00 mm	VPE height	36.00 mm

Type tests

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

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Technical data

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

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Technical data

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

Important note

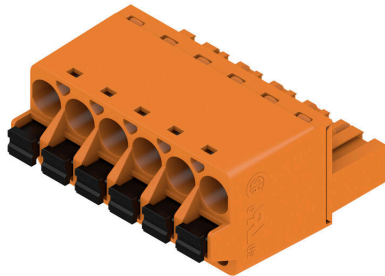
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<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 • Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool recommended. • The test point can only be used as potential-pickup point. • In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load • Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

Classifications

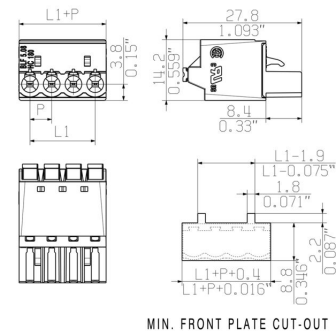
ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

Drawings

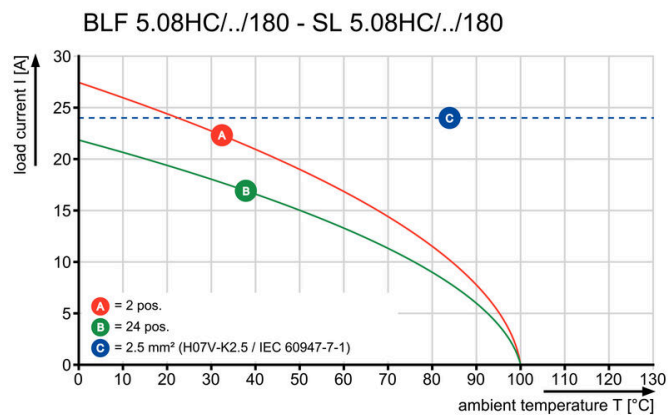
Product image



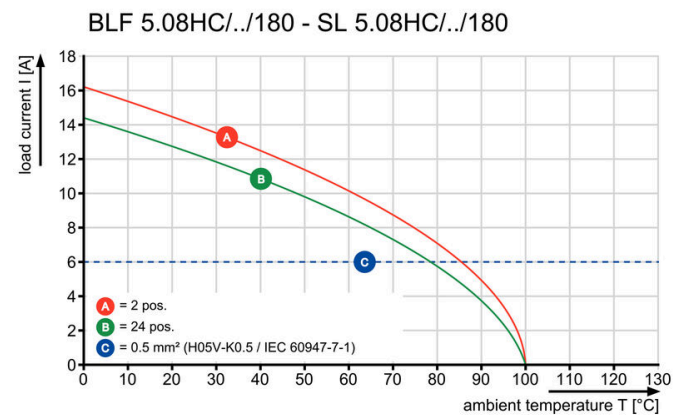
Dimensional drawing



Graph



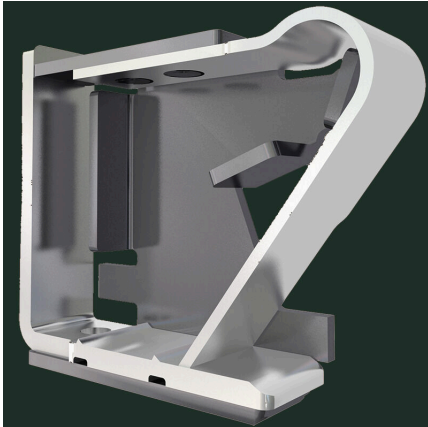
Graph



Uncompromising functionality High vibration resistance

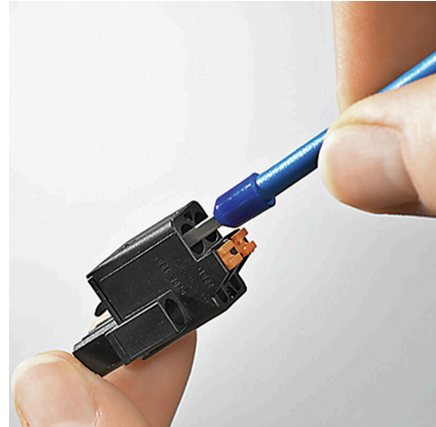
Drawings

Product benefits



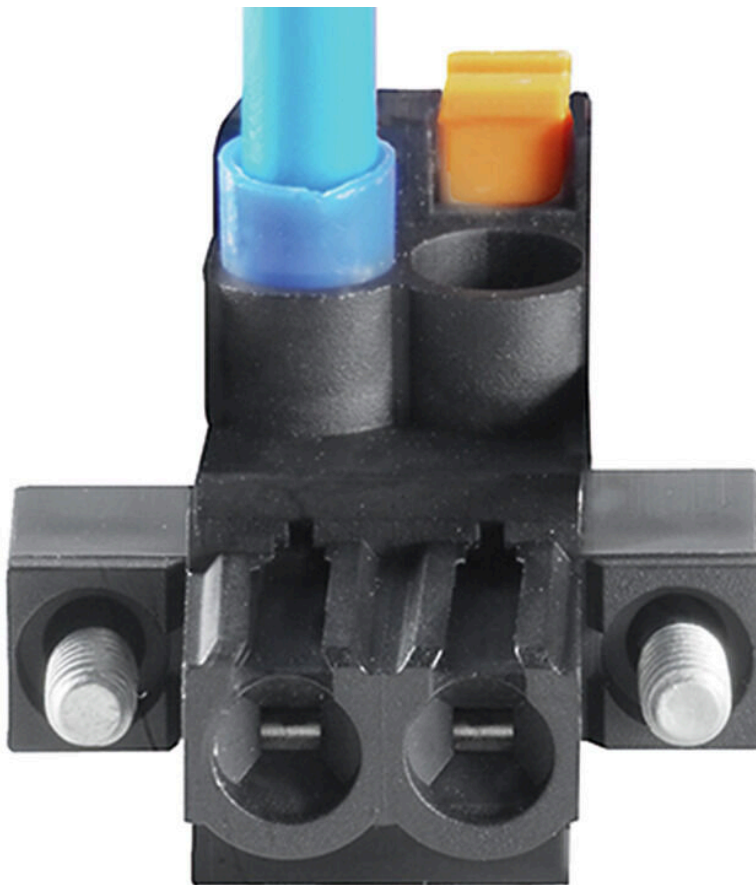
Solid PUSH IN contact Safe and durable

Product benefits



Cost-effective wiring Quick and intuitive operation

Product benefits



Wide clamping range Tool-free wire connection

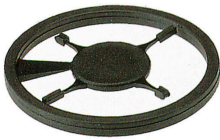
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Accessories

Coding elements

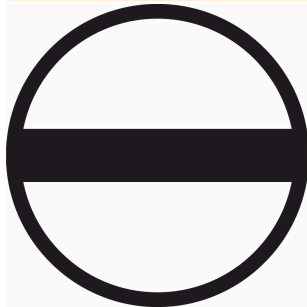


Only connects what is supposed to be connected: the right connection at the right place.
 Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation
 The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery. Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Type	BLZ/SL KO BK BX	Version
Order No.	1545710000	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.	1573010000	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.	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	SDS 0.6X3.5X200	Version
Order No.	9010110000	Screwdriver, Screwdriver
GTIN (EAN)	4032248300754	
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	

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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	BLF/SLF 5.08 ZE06 BK	Version
Order No.	2525850000	PCB plug-in connector, Accessories, Strain relief, black, Number of
GTIN (EAN)	4050118537116	poles: 6
Qty.	50 ST	
Type	BLF/SLF 5.08 ZE06 OR	Version
Order No.	2525780000	PCB plug-in connector, Accessories, Strain relief, orange, Number of
GTIN (EAN)	4050118536881	poles: 6
Qty.	50 ST	

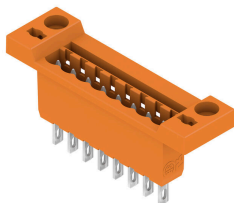
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Counterpart

SLDF 5.08



Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

General ordering data

Type	SLDF 5.08 L/F 6 SN BK BX	Version
Order No.	1635780000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190264215	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	
Type	SLDF 5.08 L/F 6 SN OR BX	Version
Order No.	1599170000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190179595	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	

SL 5.08/135



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

General ordering data

Type	SL 5.08/06/135 3.2SN OR...	Version
Order No.	1603100000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190101480	connection, 5.08 mm, Number of poles: 6, 135°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 5.08/135B



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

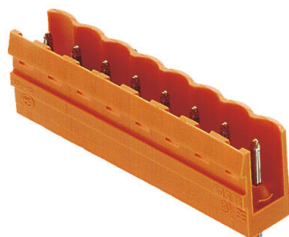
BLF 5.08HC/06/180 SN OR BX

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Counterpart
General ordering data

Type	SL 5.08/06/135B 3.2SN O...	Version
Order No.	1605570000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190268756	solder connection, 5.08 mm, Number of poles: 6, 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 5.08/06/180 3.2SN OR...	Version
Order No.	1517660000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190139445	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 5.08/180B


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

General ordering data

Type	SL 5.08/06/180B 3.2SN B...	Version
Order No.	1142340000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248925483	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08/06/180B 3.2SN O...	Version
Order No.	1519960000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190011901	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	54 ST	length (l): 3.2 mm, tinned, orange, Box

BLF 5.08HC/06/180 SN OR BX

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Counterpart

SL 5.08/90

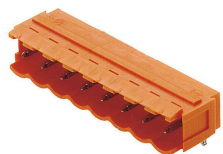


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/06/90 3.2SN OR ...	Version
Order No.	1508460000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190132767	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 5.08/90B

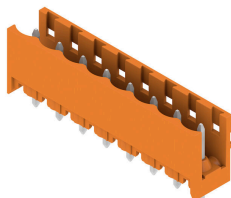


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/06/90B 3.2SN OR...	Version
Order No.	1510760000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190157951	solder connection, 5.08 mm, Number of poles: 6, 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/06/180 3.2SN ...	Version
Order No.	1148210000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248933846	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

BLF 5.08HC/06/180 SN OR BX

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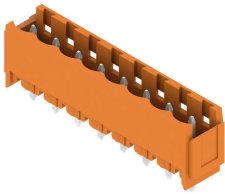
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Counterpart

Type	SL 5.08HC/06/180 3.2SN ...	Version
Order No.	1146450000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248108879	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 5.08HC/180B

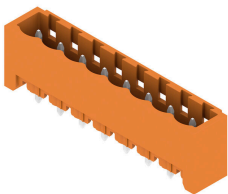


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is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

General ordering data

Type	SL 5.08HC/06/180B 3.2SN...	Version
Order No.	1149530000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248935529	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/06/180B 3.2SN...	Version
Order No.	1147430000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248933280	solder connection, 5.08 mm, Number of poles: 6, 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/06/180G 3.2SN...	Version
Order No.	1148770000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248935482	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/06/180G 3.2SN...	Version
Order No.	1146820000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248108640	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

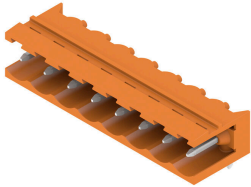
BLF 5.08HC/06/180 SN OR BX

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Counterpart

SL 5.08HC/90

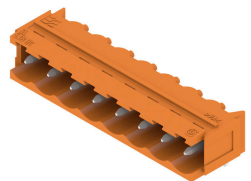


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/06/90 3.2SN B...	Version
Order No.	1155070000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050776	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/06/90 3.2SN O...	Version
Order No.	1146810000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051469	connection, 5.08 mm, Number of poles: 6, 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/06/90B 3.2SN ...	Version
Order No.	1155620000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050318	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/06/90B 3.2SN ...	Version
Order No.	1148170000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118051001	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

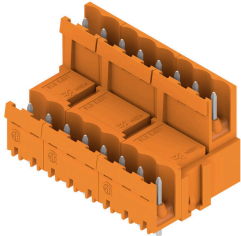
BLF 5.08HC/06/180 SN OR BX

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Counterpart

SLDV 5.08/180

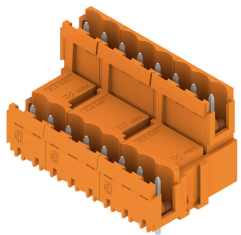


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/12/180 3.2SN ...	Version
Order No.	1725690000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248061983	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

SLDV 5.08/180B

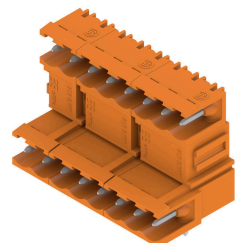


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/12/180B 3.2SN...	Version
Order No.	1726780000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062669	solder connection, 5.08 mm, Number of poles: 12, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

SLDV 5.08/90



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

General ordering data

Type	SLD 5.08V/12/90 3.2 SN ...	Version
Order No.	1725210000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060610	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

BLF 5.08HC/06/180 SN OR BX

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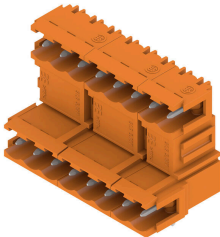
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Counterpart

SLDV 5.08/90B

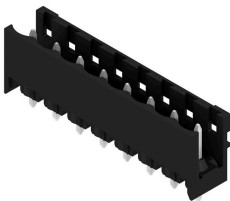


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/12/90B 3.2 SN...	Version
Order No.	1726320000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061297	solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

SL-SMT 5.08/180 Box

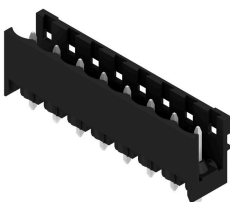


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/06/180 1....	Version
Order No.	1775642001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248157587	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/06/180 3....	Version
Order No.	1838020000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348084	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/180 Tape



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

BLF 5.08HC/06/180 SN OR BX

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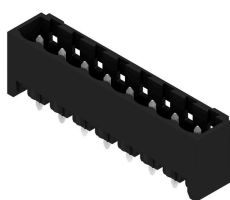
www.weidmueller.com

Counterpart

General ordering data

Type	SL-SMT 5.08HC/06/180 1....	Version
Order No.	1775644001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248159628	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

SL-SMT 5.08/180G Box

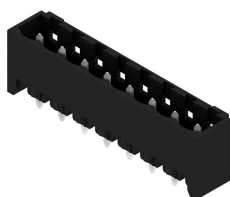


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/06/180G 1...	Version
Order No.	1775962001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248158959	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/06/180G 3...	Version
Order No.	1838250000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348312	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/180G Tape



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

General ordering data

Type	SL-SMT 5.08HC/06/180G 1...	Version
Order No.	1775964001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248160174	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

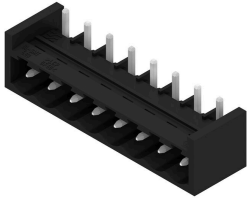
BLF 5.08HC/06/180 SN OR BX

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Counterpart

SL-SMT 5.08/270GH Box

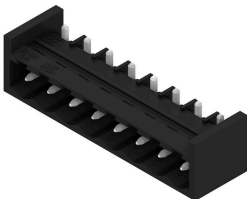


High-temperature-resistant, straight, open pin header.
 Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/06/270GH ...	Version
Order No.	1877410000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468041	connection, 5.08 mm, Number of poles: 6, 270°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/270GH Tape

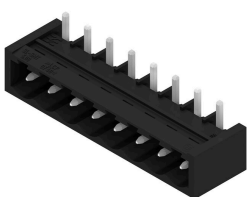


High-temperature-resistant, straight, open pin header.
 Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/06/270GH ...	Version
Order No.	1877630000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468225	connection, 5.08 mm, Number of poles: 6, 270°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/06/270GH ...	Version
Order No.	1877850000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468508	connection, 5.08 mm, Number of poles: 6, 270°, Solder pin length (l):
Qty.	265 ST	3.2 mm, tinned, black, Tape

SL-SMT 5.08/270GL Box



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

BLF 5.08HC/06/180 SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 5.08HC/06/270GL ...	Version
Order No.	1877530000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468157	connection, 5.08 mm, Number of poles: 6, 270°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/270GL Tape



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

General ordering data

Type	SL-SMT 5.08HC/06/270GL ...	Version
Order No.	1877780000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248468430	connection, 5.08 mm, Number of poles: 6, 270°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

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/06/90 1.5...	Version
Order No.	1774802001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248155835	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/06/90 3.2...	Version
Order No.	1779990000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165315	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

BLF 5.08HC/06/180 SN OR BX

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Counterpart

SL-SMT 5.08HC/90 Tape



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

General ordering data

Type	SL-SMT 5.08HC/06/90 1.5...	Version
Order No.	1774804001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248167692	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

SL-SMT 5.08HC/90G Box



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

General ordering data

Type	SL-SMT 5.08HC/06/90G 1....	Version
Order No.	1775042001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156108	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

Type	SL-SMT 5.08HC/06/90G 3....	Version
Order No.	1780220000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165544	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08HC/90G Tape



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

BLF 5.08HC/06/180 SN OR BX

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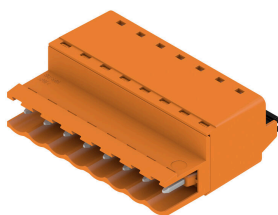
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Counterpart

General ordering data

Type	SL-SMT 5.08HC/06/90G 1....	Version
Order No.	1775044001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248167760	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

SLF 5.08/180 SN

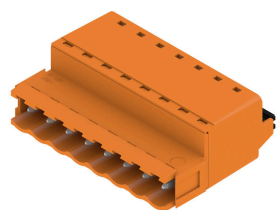


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLF 5.08/06/180 SN BK BX	Version
Order No.	1335630000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118139181	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	60 ST	
Type	SLF 5.08/06/180 SN OR BX	Version
Order No.	1335370000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118138726	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	60 ST	

SLF 5.08/180B SN



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

General ordering data

Type	SLF 5.08/06/180B SN BK ...	Version
Order No.	1335850000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118138979	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	54 ST	
Type	SLF 5.08/06/180B SN OR ...	Version
Order No.	1335480000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118138702	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	54 ST	

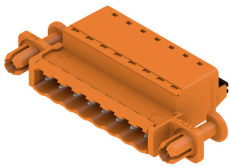
BLF 5.08HC/06/180 SN OR BX

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Counterpart

SLF 5.08/180DF SN

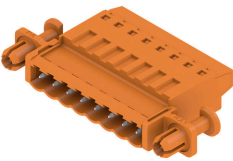


Male plug with PUSH IN wire connection and straight outlet direction, when used with BLF 5.08HC as wire-to-wire application for panel feed-through. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLF 5.08/06/180DF SN OR...	Version
Order No.	1353630000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118156393	180°, PUSH IN with actuator, Clamping range, max.: 3.31 mm², Box
Qty.	30 ST	

SLT 5.08/180DF SN

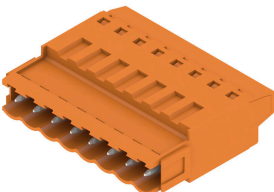


Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

General ordering data

Type	SLT 5.08/06/180DF SN OR...	Version
Order No.	1353400000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4050118156010	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	30 ST	

SLT 5.08B



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

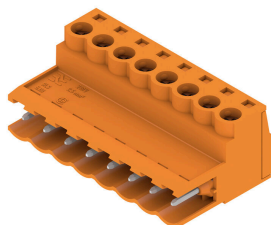
General ordering data

Type	SLT 5.08/06/180B SN OR ...	Version
Order No.	1611750000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190192631	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	50 ST	

BLF 5.08HC/06/180 SN OR BX

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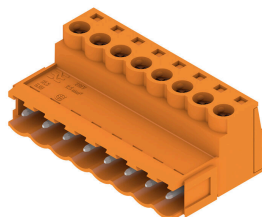
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Counterpart
SLS 5.08/180 SN


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

General ordering data

Type	SLS 5.08/06/180 SN OR BX	Version
Order No.	1627130000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190199647	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	60 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 5.08/06/180B SN OR ...	Version
Order No.	1627280000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190199791	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	54 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 5.08/06/180TB KF SN...	Version
Order No.	1846140000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362424	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	20 ST	Box

BLF 5.08HC/06/180 SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 5.08/06/180TB RF15 ...	Version
Order No.	1846060000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362349	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	20 ST	Box