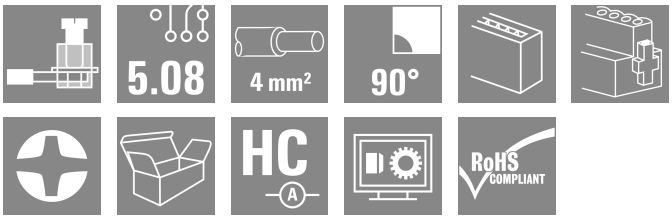
Data sheet

BLZP 5.08HC/02/90F SN BK BX

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

www.weidmueller.com

Product image



Female plugs with clamping-yoke connection for connecting wires with a right-angle (90° or 270°) 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: 2, 90°, Clamping yoke connection, Clamping range, max. : 4 mm², Box
Order No.	1950040000
Type	BLZP 5.08HC/02/90F SN BK BX
GTIN (EAN)	4032248627974
Qty.	90 items
Product data	IEC: 400 V / 23 A / 0.2 - 4 mm² UL: 300 V / 20 A / AWG 26 - AWG 12
Packaging	Box

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BLZP 5.08HC/02/90F 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	27.1 mm	Depth (inches)	1.0669 inch
Height	14.1 mm	Height (inches)	0.5551 inch
Width	19.96 mm	Width (inches)	0.7858 inch
Net weight	5.4 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	No SVHC above 0.1 wt%	
Product Carbon Footprint	Cradle to gate	0,184 kg CO2 eq.

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	90°			
Number of poles	2			
L1 in mm	5.08 mm			
L1 in inches	0.200 "			
Number of rows	1			
Pin series quantity	1			
Rated cross-section	4 mm²			
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
	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	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 mm²			
Clamping range, max.	4 mm²			
Wire connection cross section AWG, min.	AWG 30			
Wire connection cross section AWG, max.	AWG 12			
Solid, min. H05(07) V-U	0.2 mm²			
Solid, max. H05(07) V-U	4 mm²			
Flexible, min. H05(07) V-K	0.2 mm²			
Flexible, max. H05(07) V-K	4 mm²			
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 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.	4 mm²			
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	nominal	0.5 mm²	
	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	nominal	1 mm²	
	wire end ferrule	Stripping length	nominal	6 mm
		Recommended wire-end ferrule	H1,0/6	
	Cross-section for conductor connection	nominal	1.5 mm²	
	wire end ferrule	Stripping length	nominal	7 mm
		Recommended wire-end ferrule	H1,5/7	
	Cross-section for conductor connection	nominal	2.5 mm²	
	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	
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)	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 (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	348.00 mm
VPE width	139.00 mm	VPE height	32.00 mm

Type tests

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, rated voltage, rated cross-section, type of material
	Evaluation	available
	Test	durability
	Evaluation	passed
Test: Misengagement (Non-interchangeability)	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
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 mm²

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Technical data

		Type of conductor and conductor cross-section	stranded 0.2 mm²
		Type of conductor and conductor cross-section	solid 2.5 mm²
		Type of conductor and conductor cross-section	stranded 2.5 mm²
		Type of conductor and conductor cross-section	AWG 26/1
		Type of conductor and conductor cross-section	AWG 26/19
	Evaluation	passed	
Test for damage to and accidental loosening of conductors	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 mm²
		Type of conductor and conductor cross-section	stranded 0.5 mm²
	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	
Pull-out test	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	
	Requirement	≥60 N	
	Conductor type	Type of conductor and conductor cross-section	H07V-U4.0

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Technical data

		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	• 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 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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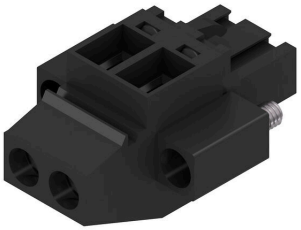
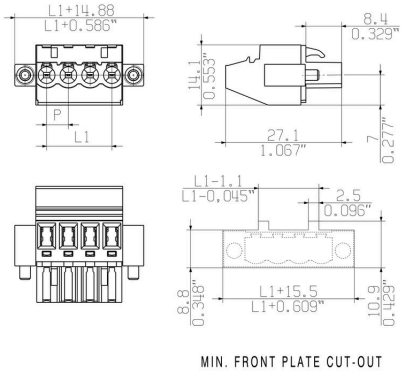
Drawings

Product image



Dimensional drawing



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

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Accessories

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): 4.5 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118895636	
Qty.	1 ST	

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): 14.5 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118895667	
Qty.	1 ST	

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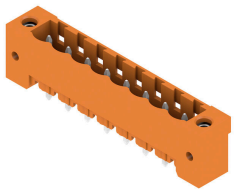
Counterpart

SL 5.08HC/180F

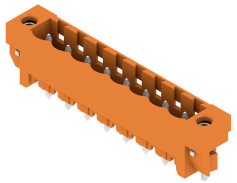


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is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

General ordering data

Type	SL 5.08HC/02/180F 3.2SN...	Version
Order No.	1148490000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248931507	5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm,
Qty.	90 ST	tinned, black, Box
Type	SL 5.08HC/02/180F 3.2SN...	Version
Order No.	1147130000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248931040	5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm,
Qty.	90 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/02/180LF 3.2S...	Version
Order No.	1149220000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248932603	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/180LF 3.2S...	Version
Order No.	1147890000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248931804	connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, orange, Box

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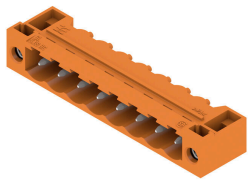
Counterpart

SL 5.08HC/90F

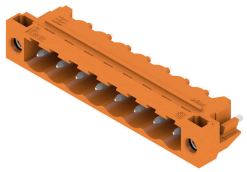


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/02/90F 3.2SN ...	Version
Order No.	1150090000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248936960	5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm,
Qty.	90 ST	tinned, black, Box
Type	SL 5.08HC/02/90F 3.2SN ...	Version
Order No.	1148610000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248935680	5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm,
Qty.	90 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/02/90LF 3.2SN...	Version
Order No.	1150340000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248936304	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/02/90LF 3.2SN...	Version
Order No.	1149380000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248935864	connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l):
Qty.	90 ST	3.2 mm, tinned, orange, Box

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Counterpart

SL-SMT 5.08/180F Box

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

General ordering data

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

SL-SMT 5.08/180LF Box

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

General ordering data

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

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BLZP 5.08HC/02/90F SN BK BX

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Counterpart

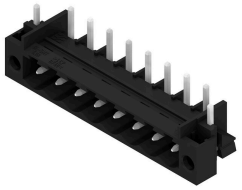
SL-SMT 5.08/180LF Tape

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

General ordering data

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

SL-SMT 5.08/270FH Box



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

General ordering data

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

SL-SMT 5.08/270FH Tape

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

General ordering data

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

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BLZP 5.08HC/02/90F SN BK BX

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

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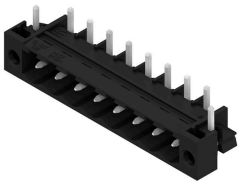
Counterpart

SL-SMT 5.08/270FL Box

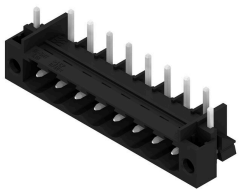


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

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

SL-SMT 5.08/270FL Tape



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

General ordering data

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

SL-SMT 5.08HC/90F Box

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

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BLZP 5.08HC/02/90F SN BK BX

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Counterpart

General ordering data

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

SL-SMT 5.08HC/90LF Box

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

General ordering data

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

SL-SMT 5.08HC/90LF Tape

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

General ordering data

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

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BLZP 5.08HC/02/90F SN BK BX

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Counterpart

SLDV-THR 5.08/180F

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

General ordering data

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

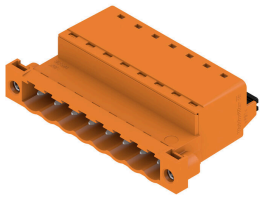
SLDV-THR 5.08/180FLF

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

General ordering data

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

SLF 5.08/180F SN



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

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BLZP 5.08HC/02/90F SN BK BX

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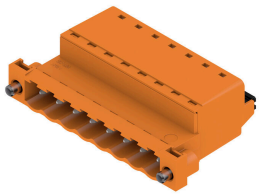
Counterpart

General ordering data

Type	SLF 5.08/02/180F SN BK ...	Version
Order No.	1336170000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118140026	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	90 ST	
Type	SLF 5.08/02/180F SN OR ...	Version
Order No.	1335590000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118139242	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	90 ST	

SLF 5.08/180FI SN



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

General ordering data

Type	SLF 5.08/02/180FI SN BK...	Version
Order No.	1336040000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118139600	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	90 ST	
Type	SLF 5.08/02/180FI SN OR...	Version
Order No.	1336400000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4050118140293	180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	90 ST	

SLS 5.08/180F

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

General ordering data

Type	SLS 5.08/02/180F SN OR ...	Version
Order No.	1846360000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4032248362066	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	90 ST	Box

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BLZP 5.08HC/02/90F SN BK BX

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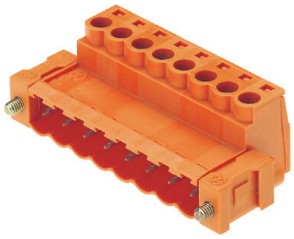
Counterpart

SLS 5.08/180FI



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

General ordering data

Type	SLS 5.08/02/180FI SN OR...	Version
Order No.	1846210000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 2,
GTIN (EAN)	4032248362493	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	90 ST	Box

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