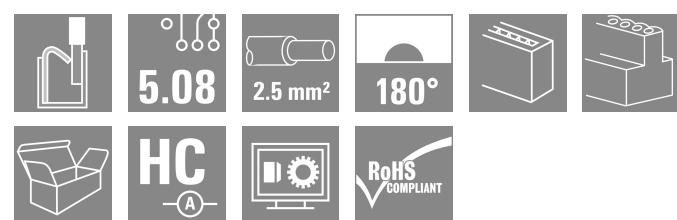
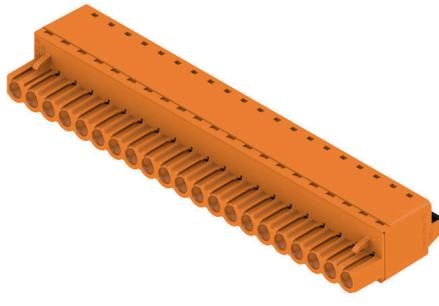


BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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: 21, 180°, PUSH IN with actuator, Clamping range, max. : 3.31 mm ² , Box
Order No.	1013890000
Type	BLF 5.08HC/21/180 SN OR BX
GTIN (EAN)	4032248721993
Qty.	12 items
Product data	IEC: 400 V / 24 A / 0.2 - 2.5 mm ² UL: 300 V / 18.5 A / AWG 26 - AWG 12
Packaging	Box

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	27.7 mm
Height	14.2 mm
Width	106.68 mm
Net weight	37.17 g

Depth (inches)	1.0905 inch
Height (inches)	0.5591 inch
Width (inches)	4.2 inch

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Product Carbon Footprint	Cradle to gate 2,801 kg CO ₂ 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	21	L1 in mm	101.60 mm
L1 in inches	4.000 "	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/21/180 SN OR BX

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

www.weidmueller.com

Technical data

Wire connection cross section AWG, AWG 12 max.

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, 0.25 mm² min.

w. plastic collar ferrule, DIN 46228 pt 4, 2.5 mm² max.

w. wire end ferrule, DIN 46228 pt 1, 0.2 mm² min.

w. wire end ferrule, DIN 46228 pt 1, 2.5 mm² max.

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
wire end ferrule		nominal	0.5 mm ²
		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
wire end ferrule		nominal	0.75 mm ²
		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
wire end ferrule		nominal	1 mm ²
		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
wire end ferrule		nominal	1.5 mm ²
		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
wire end ferrule		nominal	2.5 mm ²
		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.

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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)	200039-1121690
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	350.00 mm
VPE width	135.00 mm	VPE height	38.00 mm

Type tests

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, type 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

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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

- 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

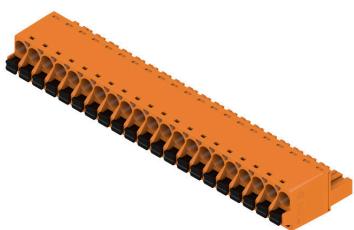
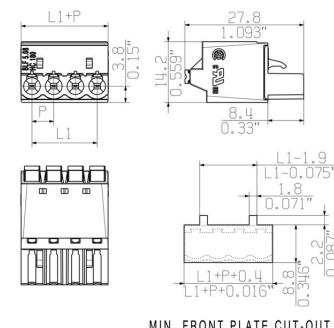
Classifications

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		

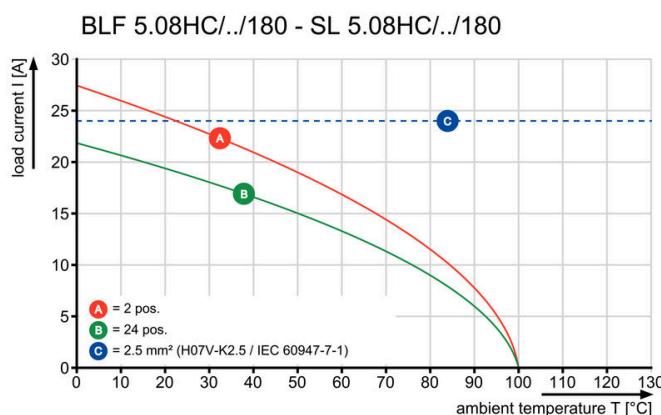
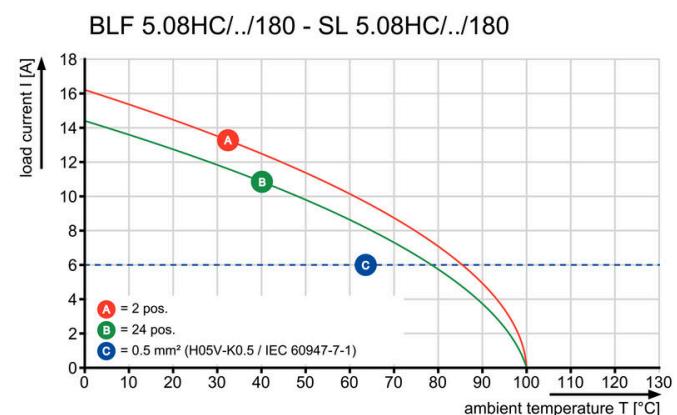
BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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

MIN. FRONT PLATE CUT-OUT

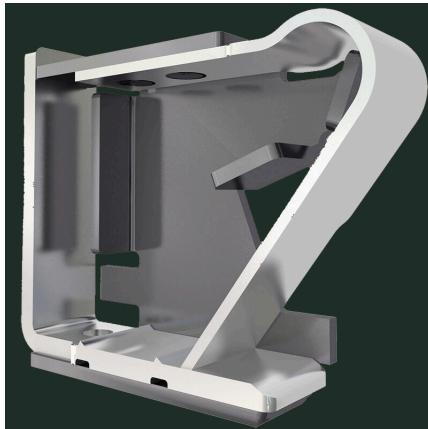
Graph**Graph**

Uncompromising functionalityHigh vibration resistance

BLF 5.08HC/21/180 SN OR BX

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

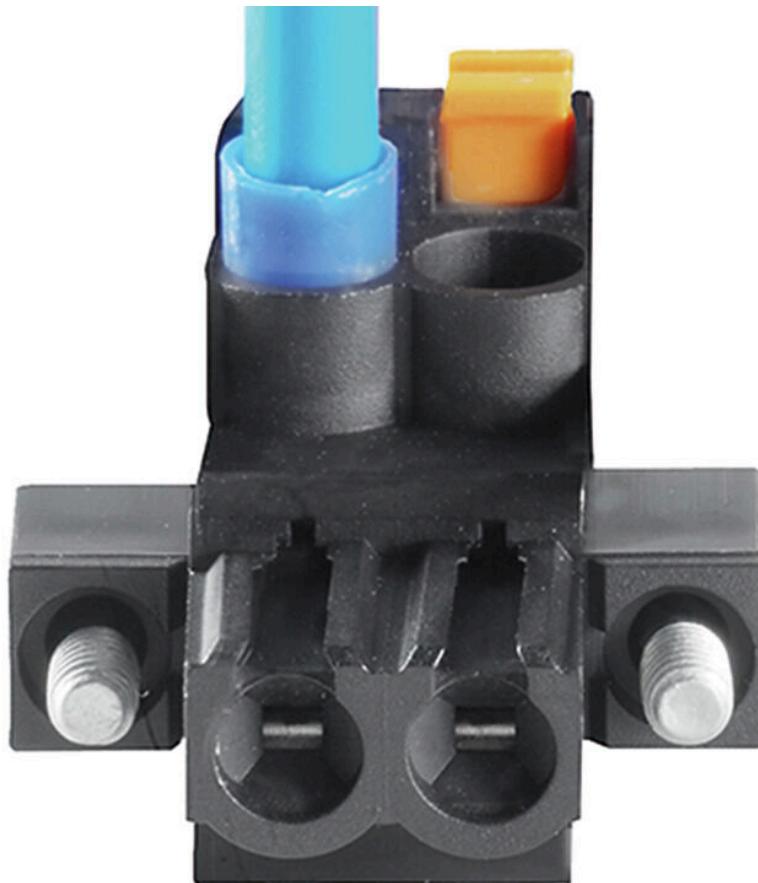
www.weidmueller.com

Drawings**Product benefits**

Solid PUSH IN contactSafe and durable

Product benefits

Cost-effective wiring Quick and intuitive operation

Product benefits

Wide clamping range Tool-free wire connection

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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	

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

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	

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Counterpart

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 5.08/21/135 3.2SN OR...	Version
Order No.	1603250000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190112844	connection, 5.08 mm, Number of poles: 21, 135°, Solder pin length
Qty.	20 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.

General ordering data

Type	SL 5.08/21/135B 3.2SN O...	Version
Order No.	1605720000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190053932	solder connection, 5.08 mm, Number of poles: 21, 135°, Solder pin
Qty.	20 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 5.08/21/180 3.2SN OR...	Version
Order No.	1519160000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190098407	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, orange, Box

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Counterpart

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 5.08/21/180B 3.2SN O...	Version
Order No.	1521460000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190080457	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

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 5.08/21/90 3.2SN OR ...	Version
Order No.	1509960000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190010591	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 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 5.08/21/90B 3.2SN OR...	Version
Order No.	1512260000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190179861	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

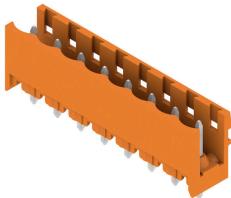
BLF 5.08HC/21/180 SN OR BX

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

Counterpart

www.weidmueller.com

SL 5.08HC/180

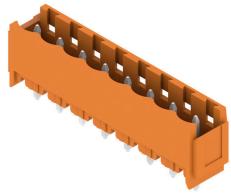


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/21/180 3.2SN ...	Version
Order No.	1148530000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248935109	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180 3.2SN ...	Version
Order No.	1146680000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248932764	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 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/21/180B 3.2SN...	Version
Order No.	1150010000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248106226	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180B 3.2SN...	Version
Order No.	1147930000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934010	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

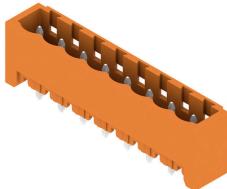
BLF 5.08HC/21/180 SN OR BX

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

Counterpart

www.weidmueller.com

SL 5.08HC/180G

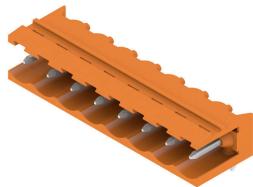


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/21/180G 3.2SN...	Version
Order No.	1149270000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248935024	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180G 3.2SN...	Version
Order No.	1147180000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248933877	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, orange, Box

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/21/90 3.2SN B...	Version
Order No.	1155280000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050622	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/90 3.2SN O...	Version
Order No.	1147150000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051315	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, orange, Box

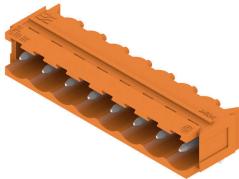
BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Counterpart

SL 5.08HC/90B

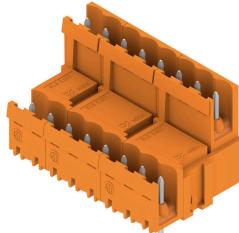


Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is 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/21/90B 3.2SN ...	Version
Order No.	1155790000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118049961	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/90B 3.2SN ...	Version
Order No.	1154980000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050851	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

SLDV 5.08/180

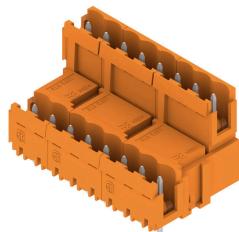


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/42/180 3.2SN ...	Version
Order No.	1725840000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248062133	connection, 5.08 mm, Number of poles: 42, 180°, Solder pin length
Qty.	10 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.

BLF 5.08HC/21/180 SN OR BX

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

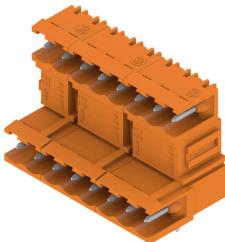
www.weidmueller.com

Counterpart

General ordering data

Type	SLD 5.08V/42/180B 3.2SN...	Version
Order No.	1726930000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062829	solder connection, 5.08 mm, Number of poles: 42, 180°, Solder pin
Qty.	10 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/42/90 3.2 SN ...	Version
Order No.	1725360000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060764	connection, 5.08 mm, Number of poles: 42, 90°, Solder pin length (l):
Qty.	10 ST	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/42/90B 3.2 SN...	Version
Order No.	1726470000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061440	solder connection, 5.08 mm, Number of poles: 42, 90°, Solder pin
Qty.	10 ST	length (l): 3.2 mm, tinned, orange, Box

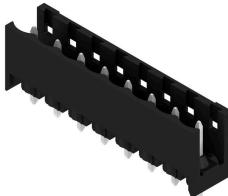
BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08/180 Box

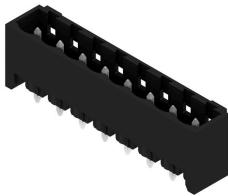


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/21/180 3...	Version
Order No.	1838170000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348237	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 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/21/180G 3...	Version
Order No.	1838400000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348466	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 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/21/90 3.2...	Version
Order No.	1780140000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165469	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box

BLF 5.08HC/21/180 SN OR BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08HC/90G Box

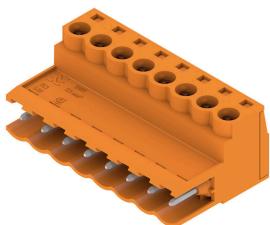


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/21/90G 3...	Version
Order No.	1780370000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165698	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, black, Box

SLS 5.08/180 SN

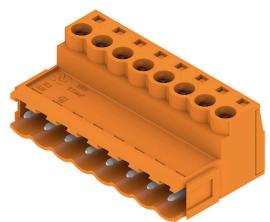


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLS 5.08/21/180 SN OR BX	Version
Order No.	1644880000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 21,
GTIN (EAN)	4008190284091	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	12 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 5.08/21/180B SN OR ...	Version
Order No.	1645190000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 21,
GTIN (EAN)	4008190284404	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	12 ST	Box