

BLZP 5.08HC/03/180LR SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
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 Germany

www.weidmueller.com

Product image


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

General ordering data

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 3, 180°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box
Order No.	1945070000
Type	BLZP 5.08HC/03/180LR SN BK BX
GTIN (EAN)	4032248620210
Qty.	72 items
Product data	IEC: 400 V / 23 A / 0.2 - 4 mm ² UL: 300 V / 20 A / AWG 26 - AWG 12
Packaging	Box

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	29.6 mm	Depth (inches)	1.1654 inch
Height	14.6 mm	Height (inches)	0.5748 inch
Width	25.04 mm	Width (inches)	0.9858 inch
Net weight	6.68 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0,192 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	180°		
Number of poles	3		
L1 in mm	10.16 mm		
L1 in inches	0.400 "		
Number of rows	1		
Pin series quantity	1		
Rated cross-section	4 mm ²		
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged		
Protection degree	IP20		
Volume resistance	≤5 mΩ		
Can be coded	Yes		
Stripping length	7 mm		
Clamping screw	M 2.5		
Screwdriver blade	0.6 x 3.5, PH 1, PZ 1		
Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ		
Plugging cycles	25		
Plugging force/pole, max.	10 N		
Pulling force/pole, max.	9 N		
Tightening torque	Torque type	Wire connection	
	Usage information	Tightening torque	min. 0.4 Nm max. 0.5 Nm

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Material data

Insulating material	PBT	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	Illa
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Contact surface	tinned	Layer structure of plug contact	4...8 µm Sn hot-dip tinned
Storage temperature, min.	-40 °C	Storage temperature, max.	70 °C
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	100 °C

Conductors suitable for connection

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

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

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Reference text The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage.

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	23 A
Rated current, max. number of poles (Tu=20°C)	18 A	Rated current, min. number of poles (Tu=40°C)	21 A
Rated current, max. number of poles (Tu=40°C)	16 A	Rated voltage for surge voltage class / pollution degree II/2	400 V
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	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 C / CSA)	50 V
Rated voltage (Use group D / CSA)	300 V	Rated current (Use group B / CSA)	20 A
Rated current (Use group D / CSA)	20 A	Wire cross-section, AWG, min.	AWG 30
Wire cross-section, AWG, max.	AWG 12	Reference to approval values	Specifications are maximum values, details - see approval certificate.

Rated data acc. to UL 1059

Institute (UR)	UR	Certificate No. (UR)	E60693
Institute (cURus)	CURUS	Certificate No. (cURus)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)	20 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 12
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packing

Packaging	Box	VPE length	348.00 mm
VPE width	137.00 mm	VPE height	31.00 mm

Type tests

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, rated voltage, rated cross-section, type of material
	Evaluation	available
	Test	durability
Test: Misengagement (Non-interchangeability)	Evaluation	passed
	Standard	DIN EN 60512-13-5 / 1.1.06, IEC 60512-13-5 / 02.06
	Test	180° turned with coding elements
	Evaluation	passed
Test	Test	visual examination
	Evaluation	passed

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Test: Clampable cross section	Standard	DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02	
	Conductor type	Type of conductor and conductor cross-section	solid 0.2 mm ²
		Type of conductor and conductor cross-section	stranded 0.2 mm ²
		Type of conductor and conductor cross-section	solid 2.5 mm ²
		Type of conductor and conductor cross-section	stranded 2.5 mm ²
		Type of conductor and conductor cross-section	AWG 26/1
		Type of conductor and conductor cross-section	AWG 26/19
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 mm ²
		Type of conductor and conductor cross-section	stranded 0.5 mm ²
	Evaluation	passed	
	Requirement	0.9 kg	
Conductor type	Type of conductor and conductor cross-section	AWG 12/1	
	Type of conductor and conductor cross-section	AWG 12/19	
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		

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Technical data

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

Important note

IPC conformity Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

- Notes**
- 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



Graph



Product benefits



Self-locking Immediately on plugging in

Product benefits



Gentle unlocking Low mechanical stress

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

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SL 5.08HC/180F



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

General ordering data

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

SL 5.08HC/180LF



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

General ordering data

Type	SL 5.08HC/03/180LF 3.2S...	Version
Order No.	1149250000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248932207	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/03/180LF 3.2S...	Version
Order No.	1147920000	PCB plug-in connector, male header, Solder flange, THT solder
GTIN (EAN)	4032248931705	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, orange, Box

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Counterpart

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SL 5.08HC/90F



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

General ordering data

Type	SL 5.08HC/03/90F 3.2SN ...	Version
Order No.	1150100000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248936298	5.08 mm, Number of poles: 3, 90°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, black, Box
Type	SL 5.08HC/03/90F 3.2SN ...	Version
Order No.	1148640000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248935987	5.08 mm, Number of poles: 3, 90°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, orange, Box

SL 5.08HC/90LF



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

General ordering data

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

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SL-SMT 5.08/180F Box



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

General ordering data

Type	SL-SMT 5.08HC/03/180F 3...	Version
Order No.	1820600000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248316564	connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/180LF Box



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

General ordering data

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

BLZP 5.08HC/03/180LR 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/03/180LF ...	Version
Order No.	1776374001	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 180°, Solder pin length (l):
GTIN (EAN)	4032248163496	
Qty.	250 ST	1.5 mm, tinned, black, Tape

SL-SMT 5.08/270FH Box



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

General ordering data

Type	SL-SMT 5.08HC/03/270FH ...	Version
Order No.	1877210000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467778	
Qty.	100 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/270FH Tape



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

General ordering data

Type	SL-SMT 5.08HC/03/270FH ...	Version
Order No.	1876930000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467389	
Qty.	225 ST	1.5 mm, tinned, black, Tape

BLZP 5.08HC/03/180LR SN BK BX

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Counterpart

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SL-SMT 5.08/270FL Box



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

General ordering data

Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	1878110000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248468911	
Qty.	100 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	1876860000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467440	
Qty.	100 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08/270FL Tape



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

General ordering data

Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	1877000000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467655	
Qty.	350 ST	1.5 mm, tinned, black, Tape
Type	SL-SMT 5.08HC/03/270FL ...	Version
Order No.	1876720000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 3, 270°, Solder pin length (l):
GTIN (EAN)	4032248467235	
Qty.	350 ST	3.2 mm, tinned, black, Tape

BLZP 5.08HC/03/180LR SN BK BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08HC/90F Box



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

General ordering data

Type	SL-SMT 5.08HC/03/90F 3...	Version
Order No.	1837640000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347452	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08HC/90LF Box



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

General ordering data

Type	SL-SMT 5.08HC/03/90LF 1...	Version
Order No.	1775242001	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248157228	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 5.08HC/03/90LF 3...	Version
Order No.	1780420000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165742	connection, 5.08 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08HC/90LF Tape



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

BLZP 5.08HC/03/180LR SN BK BX

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

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Counterpart

General ordering data

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

SLDV-THR 5.08/180F



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

General ordering data

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

SLDV-THR 5.08/180FLF



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

General ordering data

Type	SLDV-THR 5.08/06/180FLF...	Version
Order No.	1829020000	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248335718	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	44 ST	length (l): 3.2 mm, tinned, black, Box