

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Product image





Similar to illustration

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

Туре	SL 5.08HC/12/90B 3.2SN OR BX
Order No.	<u>1154880000</u>
Version	PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (I): 3.2 mm, tinned, orange, Box
GTIN (EAN)	4050118050943
Qty.	50 pc(s).
Product data	IEC: 400 V / 24 A UL: 300 V / 18.5 A
Packaging	Вох

Technical data



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Width	62.72 mm	Width (inches)	2.469 inch
Height	11.7 mm	Height (inches)	0.461 inch
Height of lowest version	8.5 mm	Depth	12 mm
Depth (inches)	0.472 inch	Net weight	4.66 g

System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08
Mounting onto the PCB	THT solder connection
Pitch in inches (P)	0.2 inch
Number of poles	12
Solder pin length (I)	3.2 mm
Tolerance of solder pin position	± 0.15 mm
Solder pin dimensions = d tolerance	0 / -0,03 mm
Solder eyelet hole diameter tolerance (D))+ 0,1 mm
L1 in inches	2.2 inch
Pin series quantity	1
Can be coded	Yes
Plugging force/pole, max.	10 N

Type of connection	
	Board connection
Pitch in mm (P)	5.08 mm
Outgoing elbow	90°
Number of solder pins per pole	1
Solder pin length tolerance	+0.1 / -0.3 mm
Solder pin dimensions	d = 1.2 mm, Octagonal
Solder eyelet hole diameter (D)	1.3 mm
L1 in mm	55.88 mm
Number of rows	1
Volume resistance	≤ 5mΩ
Plugging cycles	25
Pulling force/pole, max.	7.5 N

Material data

Insulating material	PA GF
Colour chart (similar)	RAL 2000
Comparative Tracking Index (CTI)	≥ 550
UL 94 flammability rating	V-0
Contact material	CuMg
Layer structure of solder connection	1-3 μm Ni / 2-4 μm Sn
	matt
Storage temperature, min.	-25 °C
Max. relative humidity during storage	70 %
Operating temperature, max.	100 °C
Temperature range, installation, max.	100 °C

0.1	
Colour	orange
Insulating material group	II
Insulation strength	≥ 10 ⁸ Ω
GWFI	960 °C
Contact surface	tinned
Layer structure of plug contact	1-3 μm Ni / 2-4 μm Sn
	matt
Storage temperature, max.	50 °C
Operating temperature, min.	-50 °C
Temperature range, installation, min.	-25 °C

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		Rated current, min. number of poles	
(Tu=20°C)	19 A	(Tu=40°C)	21 A
Rated current, max. number of poles		Rated voltage for surge voltage class /	
(Tu=40°C)	16.5 A	pollution degree II/2	400 V
Rated voltage for surge voltage class /		Rated voltage for surge voltage class /	
pollution degree III/2	320 V	pollution degree III/3	250 V
Rated impulse voltage for surge voltage		Rated impulse voltage for surge voltage	
class/ pollution degree II/2	4 kV	class/ pollution degree III/2	4 kV
Rated impulse voltage for surge voltage			
class/ contamination degree III/3	4 kV		

Rated data acc. to CSA

Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	18.5 A	Rated current (Use group D / CSA)	10 A

Technical data

Rated data acc. to UL 1059



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Institute (cURus)	jî.	Certificate No. (cURus)	
	0 779-3 110		
			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
Reference to approval values	Specifications are		
	maximum values, details - see approval certificate.		
	see approval certificate.		
Packing			
	Davi		25
Packaging	Box	VPE length	35 mm
VPE width	115 mm	VPE height	165 mm
Classifications			
ETIM & A	5000007	FTIM 7 0	5000007
ETIM 6.0	EC002637	ETIM 7.0	EC002637
eClass 9.0	27-44-04-02	eClass 9.1	27-44-04-02
eClass 10.0	27-44-04-02		
Notes			
Notes	Additional colours on request		
	Gold-plated contact surfaces o	n request	
	Rated current related to rated	cross-section & min. No. of poles.	
	• P on drawing = pitch		
		mponent itself. Clearance and creepage distand th the relevant application standards.	ces to other components are to
IPC conformity	standards and norms and comply	reloped, manufactured and delivered according y with the assured properties in the data sheet i lass 2". Further claims on the products can be e	resp. fulfill decorative propertie
Approvals			
Approvals	 		
		I I I Z E MAI	
		I FUR	

ROHS

Conform

Technical data

Downloads

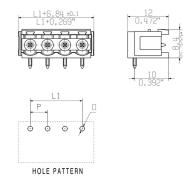
Approval/Certificate/Document of	
Conformity	Declaration of the Manufacturer
Brochure/Catalogue	FL DRIVES EN
-	MB DEVICE MANUF. EN
	FL DRIVES DE
	CAT 2 PORTFOLIOGUIDE EN
	FL BUILDING SAFETY EN
	FL APPL LED LIGHTING EN
	FL INDUSTR.CONTROLS EN
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	FL APPL_INVERTER EN
	FL_BASE_STATION_EN
	FL ELEVATOR EN
	FL POWER SUPPLY EN
	FL 72H SAMPLE SER EN
	PO OMNIMATE EN
Engineering Data	STEP
Product Change Notification	EN - Change of packaging
	<u>DE - Change of packaging</u>



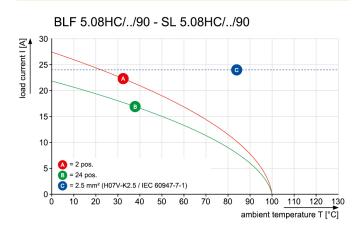
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Drawings

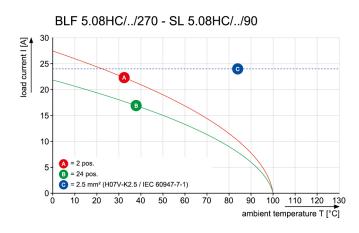
Dimensional drawing



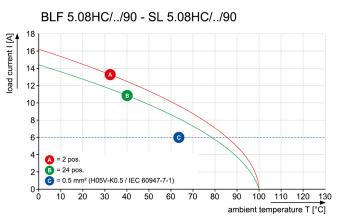
Graph



Graph



Graph



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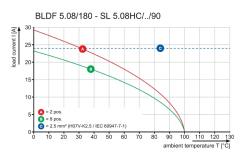
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Germany

Graph



Mating connector (fully pluggable)

BLC 5.08R





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Female plugs with crimp wire connection system.The female plugs provide space for labelling and can be coded.

General ordering data

Туре	BLC 5.08/12/180R OR BX	Version	Product data	Packaging
Order No.	<u>1610590000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190074197	180°, Crimp connection, Clamping range, max. : 2.5 mm², Box	UL: 300 V / 10 A / AWG 26 - AWG 1	4
Qty.	50 pc(s).			
Туре	BLC 5.08/12/180R BK BX	Version	Product data	Packaging
Order No.	<u>1712060000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 21 A	Box
Order No. GTIN (EAN)	<u>1712060000</u> 4008190935078	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12, 180°, Crimp connection, Clamping range, max. : 2.5 mm², Box	IEC: 400 V / 21 A UL: 300 V / 10 A / AWG 26 - AWG 1	

BLL 5.08/180



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

Туре	BLL 5.08/12/180 3.2 SN	Version	Product data	Packaging
Order No.	<u>1630810000</u>	PCB plug-in connector, female header, closed side, THT solder	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190204242	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length	UL: 300 V / 15 A	
Qty.	30 pc(s).	(I): 3.2 mm, tinned, orange, Box		

Mating connector (fully pluggable)

BLF 5.08HC/270 SN

PRIMITINE ...

General ordering data

Туре	BLF 5.08HC/12/270 SN OR	Version	Product data	Packaging
Order No.	<u>1982800000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248686896	270°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ²	, UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	
Туре	BLF 5.08HC/12/270 SN BK	Version	Product data	Packaging
Type Order No.	BLF 5.08HC/12/270 SN BK <u>1982030000</u>	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,		Packaging Box
	-, , -		IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box

BLL 5.08/180B



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

General ordering data

Туре	BLL 5.08/12/180B 3.2SN	Version	Product data	Packaging
Order No.	<u>1682830000</u>	PCB plug-in connector, female header, Dovetails for fixing blocks, THT	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190474591	solder connection, 5.08 mm, Number of poles: 12, 180°, Solder pin	UL: 300 V / 15 A	
Qty.	24 pc(s).	length (I): 3.2 mm, tinned, orange, Box		

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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

Mating connector (fully pluggable)

BLZP 5.08HC/225B SN



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Clamping-yoke connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. The 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

Туре	BLZP 5.08HC/12/225B SN	Version	Product data	Packaging
Order No.	<u>1946080000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248621620	225°, Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 15 A / AWG 26 - AWG 12	2
Qty.	24 pc(s).			
Туре	BLZP 5.08HC/12/225B SN	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/12/225B SN <u>1945850000</u>	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,		Packaging Box
			IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box

BLZP 5.08HC/90 SN



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

	-			
Туре	BLZP 5.08HC/12/90 SN OR	Version	Product data	Packaging
Order No.	<u>1948110000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248624539	$90^\circ,$ Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 20 A / AWG 26 - AWG 12	2
Qty.	30 pc(s).			
Туре	BLZP 5.08HC/12/90 SN BK	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/12/90 SN BK 1948340000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	Product data IEC: 400 V / 23 A / 0.2 - 4 mm²	Packaging Box
				Box

Mating connector (fully pluggable)

BLDT 5.08B





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Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

General ordering data

Туре	BLDT 5.08/12/-B SN BK BX	Version	Product data	Packaging
Order No.	<u>1673880000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4008190435615	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,	UL: 300 V / 10 A / AWG 26 - AWG 1	2
Qty.	20 pc(s).	Box		
Туре	BLDT 5.08/12/-B SN OR BX	Version	Product data	Packaging
Type Order No.	BLDT 5.08/12/-B SN OR BX <u>1651840000</u>	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	Product data IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Packaging Box
			IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box

BLF 5.08HC/90 SN



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

BLF 5.08HC/12/90 SN OR ... Туре Version Product data Packaging 1001630000 Order No. PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12, IEC: 400 V / 24 A / 0.2 - 2.5 mm² Box 4032248693436 GTIN (EAN) 90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm², UL: 300 V / 18.5 A / AWG 26 - AWG Qty. 30 pc(s). Box 12 Packaging BLF 5.08HC/12/90 SN BK ... Туре Version Product data Order No. 1000130001 PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12, IEC: 400 V / 24 A / 0.2 - 2.5 mm² Box GTIN (EAN) 4032248690084 90°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm², UL: 300 V / 18.5 A / AWG 26 - AWG Qty. 30 pc(s). Box 12

General ordering data

Mating connector (fully pluggable)

BLDT 5.08



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Female plugs with two clamping-yoke screw connections per pole for wire connections with 90° and 270° outlet directions. The female plugs provide space for labelling and can be coded.

General ordering data

Туре	BLDT 5.08/12/- SN BK BX	Version	Product data	Packaging
Order No.	<u>1660810000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4008190417260	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,	UL: 300 V / 10 A / AWG 26 - AWG 12	2
Qty.	25 pc(s).	Box		
Туре	BLDT 5.08/12/- SN OR BX	Version	Product data	Packaging
Type Order No.	BLDT 5.08/12/- SN OR BX 1644830000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	Product data IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Packaging Box
			IEC: 400 V / 14 A / 0.2 - 2.5 mm ²	Box

BLZP 5.08HC/225 SN



Clamping-yoke connection with right-angled (90° or 270°) or angled (225°) outlet direction. The female connectors provide space for labelling and can be coded. Fastened by means of a flange or release latch. The 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

Туре	BLZP 5.08HC/12/225 SN B	Version	Product data	Packaging
Order No.	<u>1946660000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248622436	$225^\circ\!,$ Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 15 A / AWG 26 - AWG 12	2
Qty.	30 pc(s).			
	1 ()			
Туре	BLZP 5.08HC/12/225 SN 0	Version	Product data	Packaging
		Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,		Packaging Box
Туре	BLZP 5.08HC/12/225 SN O		IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box

Mating connector (fully pluggable)

BLC 5.08BR





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Female plugs with crimp wire connection system. The female plugs provide space for labelling and can be coded.

General ordering data

Туре	BLC 5.08/12/180BR BK BX	Version	Product data	Packaging
Order No.	<u>1712210000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190935221	180°, Crimp connection, Clamping range, max. : 2.5 mm², Box	UL: 300 V / 10 A / AWG 26 - AWG 14	4
Qty.	50 pc(s).			
Туре	BLC 5.08/12/180BR OR BX	Version	Product data	Packaging
Type Order No.	BLC 5.08/12/180BR OR BX 1649470000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	Product data IEC: 400 V / 21 A	Packaging Box
				Box

BLF 5.08HC/180 SN



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

Туре	BLF 5.08HC/12/180 SN OR	Version	Product data	Packaging
Order No.	<u>1013790000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248721900	180°, PUSH IN, Spring connection, Clamping range, max. : 3.31 mm ²	, UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	30 pc(s).	Box	12	
Туре	BLF 5.08HC/12/180 SN BK			D 1 ·
Type	BLF 5.08HC/12/180 SN BK	Version	Product data	Packaging
Order No.	<u>1013540000</u>	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,		Packaging Box
	-, , -		IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	0.0

Mating connector (fully pluggable)

BLZP 5.08HC/180 SN



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. The 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

Туре	BLZP 5.08HC/12/180 SN B	Version	Product data	Packaging
Order No.	<u>1943910000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248618040	180°, Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 20 A / AWG 26 - AWG 12	2
Qty.	30 pc(s).			
Туре	BLZP 5.08HC/12/180 SN 0	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/12/180 SN 0 <u>1943680000</u>	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,		Packaging Box
			IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box

BLL 5.08/90



Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

General ordering data

Туре	BLL 5.08/12/90 3.2 SN O	Version	Product data	Packaging
Order No.	<u>1623040000</u>	PCB plug-in connector, female header, closed side, THT solder	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190194093	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (I)	: UL: 300 V / 15 A	
Qty.	30 pc(s).	3.2 mm, tinned, orange, Box		



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Mating connector (fully pluggable)

BLZP 5.08HC/270 SN



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

General ordering data

Туре	BLZP 5.08HC/12/270 SN B	Version	Product data	Packaging
Order No.	<u>1949120000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248626571	$270^\circ\!,$ Clamping yoke connection, Clamping range, max. : $4\ mm^2,$ Box	UL: 300 V / 20 A / AWG 26 - AWG 12	2
Qty.	30 pc(s).			
Туре	BLZP 5.08HC/12/270 SN 0	Version	Product data	Packaging
	104000000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 12,	IEC: 400 V / 22 A / 0.2 4 mm ²	Box
Order No.	<u>1948890000</u>	PCB plug-in connector, lemale plug, 5.06 mm, Number of poles. 12,	IEC. 400 V / 23 A / 0.2 - 4 mm ²	DUX
Order No. GTIN (EAN)	4032248626342	270°, Clamping yoke connection, Clamping range, max. : 4 mm ² , Box		

yokes. HC = High Current.

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Accessories

Blocks for PCB mounting





Weidmüller Interface GmbH & Co. KG

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Minor component, major effect:

Clip-on attachment elements increase the mechanical resilience of the whole plug connection by

- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:

- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:

- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

Туре	SLA BB11R OR	Version	Product data	Packaging
Order No.	<u>1604120000</u>	PCB plug-in connector, Accessories, Mounting block, orange, Numbe	r	Box
GTIN (EAN)	4008190182977	of poles: 1		
Qty.	20 pc(s).			
Туре	SLA BB11R SW	Version	Product data	Packaging
Type Order No.	SLA BB11R SW <u>1692340000</u>	Version PCB plug-in connector, Accessories, Mounting block, black, Number of		Packaging Box

100

Version

Accessories

LED Light guides

General ordering data

Туре

SL FLA 3.8/1



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Effective: the link between LED and front panel.

Floodlight indicators allow users to monitor the switching states without requiring a special design: optical plastic directs the light from standard LEDs around a bend into the connectors or through the front plate.

The fibre-optic elements are simply clipped behind the relevant 90° bend male connectors (90° outlet direction). Versions with different incoming light beam heights achieve maximum light efficiency for LEDs with different designs or heights.

The advantages compared to conventional solutions:

- No additional LED circuit board required behind the front panel
- No "long-legged" LEDs with separate mounting required
- · Bent fibre-optic cable line for maximum light efficiency
- · Uncomplicated front plate bore holes due to circular shape of outgoing light beam
- Easy to maintain correct clearance and creepage distance
- Can be partitioned for smaller pole numbers

The result: simplified manufacturing process, reduced costs and simplified design

Product data

Order No.	<u>1580110000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190050740	Number of poles: 1		
Qty.	100 pc(s).			
Туре	SL FLA 2,3/1	Version	Product data	Packaging
Order No.	<u>1636670000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190409975	Number of poles: 1		
Qty.	100 pc(s).			
Туре	SL FLA 2,3/24	Version	Product data	Packaging
Order No.	<u>1636680000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190409968	Number of poles: 1		
Qty.	10 pc(s).			
Туре	SL FLA 3.8/24	Version	Product data	
Order No.	<u>1595860000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		
GTIN (EAN)	4008190140892	Number of poles: 1		
Qty.	10 pc(s).			
Туре	SL FLA 9.0/24	Version	Product data	
Order No.	<u>1595870000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		
GTIN (EAN)	4008190079796	Number of poles: 1		
Qty.	10 pc(s).			
Туре	SL FLA 9.0/1	Version	Product data	Packaging
Order No.	<u>1580120000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190031909	Number of poles: 1		
Qty.	100 pc(s).			

Packaging

Accessories



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Туре	SL FLA 1.5/1	Version	Product data	Packaging
Order No.	<u>1580100000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190152475	Number of poles: 1		
Qty.	100 pc(s).			
Туре	SL FLA 1.5/24	Version	Product data	
Type Order No.	SL FLA 1.5/24 <u>1595850000</u>	Version PCB plug-in connector, Accessories, Flood-light display, Transparent,	Product data	
			Product data	

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.

Туре	BLZ/SL KO OR BX	Version	Product data	Packaging
Order No.	<u>1573010000</u>	PCB plug-in connector, Accessories, Coding element, orange, Number	r	Box
GTIN (EAN)	4008190048396	of poles: 1		
Qty.	100 pc(s).			
Туре	BLZ/SL KO BK BX	Version	Product data	Packaging
Type Order No.	BLZ/SL KO BK BX 1545710000	Version PCB plug-in connector, Accessories, Coding element, black, Number	Product data	Packaging Box
	,		Product data	

Accessories

Additional accessories





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No task is too small when creating the perfect solution. br />

Connections form just one part of the overall process. Small details are often the key to the perfect solution in applications where potentials are tested, grouped or even isolated.

A system is not a system without small but useful details:

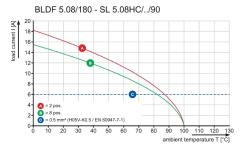
- Test plugs ensure reliable pick-up from diagnostic sockets
- Cross-connectors ensure a stable electrical distribution contact directly at the connection
- Compartment partition elements divide a large number of male connectors into several separate socket connector channels
- Locks and clips optional vibration-resistant clipon connection or mounting for male and female connectors

In tandem with the manufacturing process and application - more accessories = smaller workload

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SL AT SW	Version	Product data	Packaging
1770240000	PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1		Box
4032248117710			
100 pc(s).			
SL AT OR	Version	Product data	Packaging
1598300000	PCB plug-in connector, Accessories, Spacer, orange, Number of poles:		Box
10000000	Teb plug in connector, Accessones, opacer, orange, Number of poles.		DUX
4008190189266	1		DOX
	SL AT SW <u>1770240000</u> 4032248117710 100 pc(s). SL AT OR	SL AT SW Version 1770240000 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 4032248117710 100 pc(s). SL AT OR Version	1770240000 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 4032248117710 100 pc(s). SL AT OR Version PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, Black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, Black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, Black, Number of poles: 1 PCB plug-in connector, Accessories, Spacer, Black, Number of poles: 1 PCB plug-in connector, A

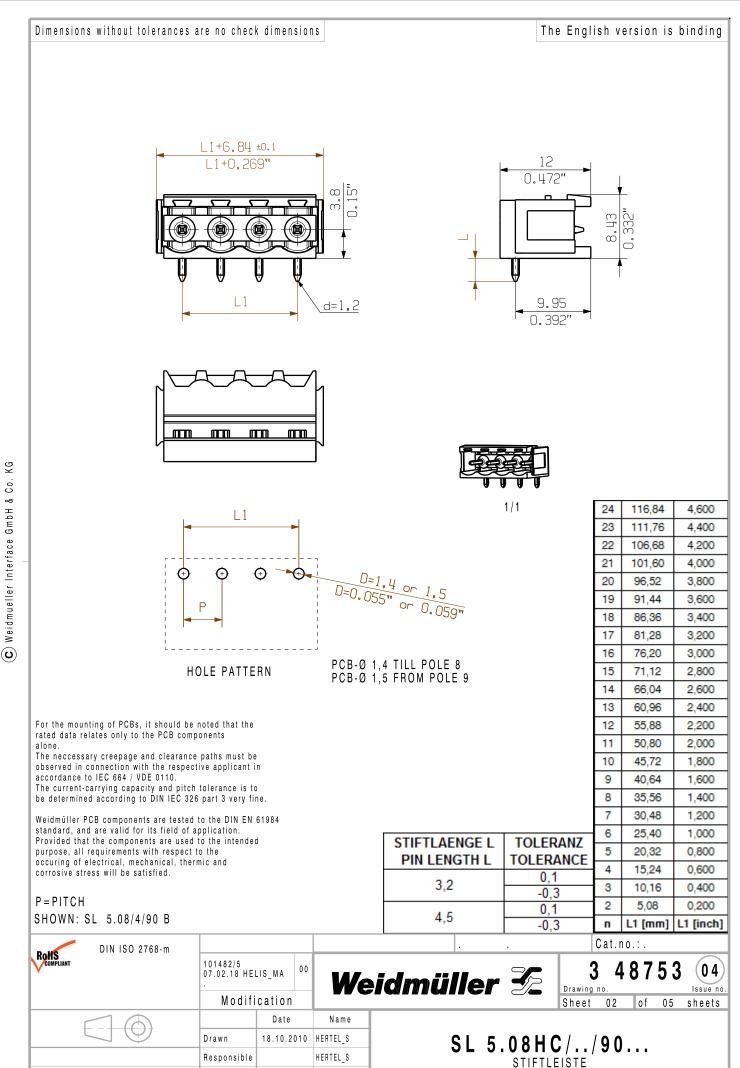
Drawings

Graph





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27.02.2018

Checked

Approved

Scale: 2:1

Supersedes: .

7377

MALE HEADER

Product file: SL-HP 5.08

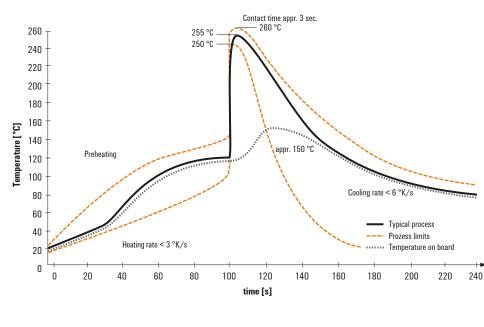
Wave Solder Profile

Recommended wave solderding profiles

Weidmüller 🟵

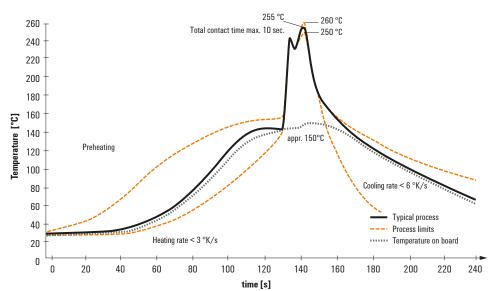
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Double Wave:

Single Wave:



Wave soldering profiles

Wired connection elements should be processed in accordance with the DIN EN 61760-1 standard. We have included two recommendations for practical wave soldering profiles, with which Weidmüller PCB terminals and connectors are qualified.

When choosing a suitable profile for your application, the following factors also need to be considered:

- PCB thickness
- Proportion of Cu in the layers
- Single/double-sided assembly
- Product range
- Heating and cooling rates

The single and double wave profiles each indicate the recommended operating range, including the maximum soldering temperature of 260°C. In practice, the maximum soldering temperature is quite often well below the above maximum profile.