

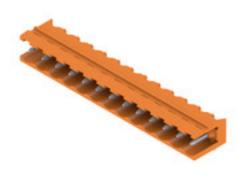
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Product image



















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/13/90 3.2SN OR BX
Order No.	<u>1146970000</u>
Version	PCB plug-in connector, male header, open side, THT solder connection, 5.08 mm, Number of poles: 13, 90°, Solder pin length (I): 3.2 mm, tinned, orange, Box
GTIN (EAN)	4050118051391
Qty.	50 pc(s).
Product data	IEC: 400 V / 24 A UL: 300 V / 18.5 A
Packaging	Box

Creation date May 2, 2020 1:58:28 AM CEST



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Technical data

Dimensions and weights

Width	66.04 mm	Width (inches)	2.6 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	4.88 g

System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Board connection
Mounting onto the PCB	THT solder connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	Outgoing elbow	90°
Number of poles	13	Number of solder pins per pole	1
Solder pin length (I)	3.2 mm	Solder pin length tolerance	+0.1 / -0.3 mm
Tolerance of solder pin position	± 0.15 mm	Solder pin dimensions	d = 1.2 mm, Octagonal
Solder pin dimensions = d tolerance	0 / -0,03 mm	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)+ 0,1 mm	L1 in mm	60.96 mm
L1 in inches	2.4 inch	Number of rows	1
Pin series quantity	1	Volume resistance	≤ 5mΩ
Can be coded	Yes	Plugging cycles	25
Plugging force/pole, max.	10 N	Pulling force/pole, max.	7.5 N

Material data

Insulating material	PA GF	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	II
Comparative Tracking Index (CTI)	≥ 550	Insulation strength	≥ 10 ⁸ Ω
UL 94 flammability rating	V-0	GWFI	960 °C
Contact material	CuMg	Contact surface	tinned
Layer structure of solder connection	1-3 µm Ni / 2-4 µm Sn matt	Layer structure of plug contact	1-3 µm Ni / 2-4 µm Sn matt
Storage temperature, min.	-25 °C	Storage temperature, max.	50 °C
Max. relative humidity during storage	70 %	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

Rated data acc. to IEC

tested acc. to standard		Rated current, min. number of poles	
	IEC 60664-1, IEC 61984	(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		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



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Technical data

Rated data acc. to UL 1059

: / LID \		O ((C + N / HD)	
Institute (cURus)	` ```	Certificate No. (cURus)	
	U FEBUS	i	E60693
Rated voltage (Use group B / UL 105	9) 300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 105	9) 18.5 A	Rated current (Use group D / UL 1059)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		
Packing			
D. 1	D	VDE I III	0.5
Packaging VPE width	Box 115 mm	VPE length	35 mm 170 mm
	115 mm	VPE height	170 mm
Classifications			
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 of	on request	
	Rated current related to rated	cross-section & min. No. of poles.	
	• P on drawing = pitch		
	-	omponent itself. Clearance and creepage distand ith the relevant application standards.	ces to other components are to
IPC conformity	standards and norms and compl	veloped, manufactured and delivered according ly with the assured properties in the data sheet Class 2". Further claims on the products can be o	resp. fulfill decorative propertie
Approvals			
Approvale			
Approvals		KEMA	

ROHS

Conform



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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
	FL MACHINE SAFETY EN
	FL HEATING ELECTR EN
	<u>FL APPL_INVERTER EN</u>
	FL_BASE_STATION_EN
	FL ELEVATOR EN
	FL POWER SUPPLY EN
	FL 72H SAMPLE SER EN
	PO OMNIMATE EN
Engineering Data	<u>STEP</u>
Product Change Notification	EN - Change of packaging
	DE - Change of packaging



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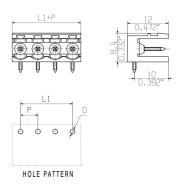
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Drawings

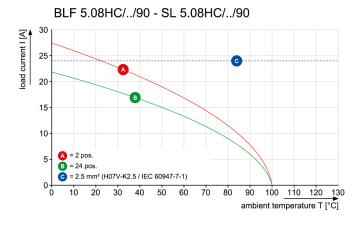
Product image



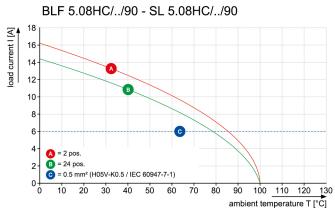
Dimensional drawing



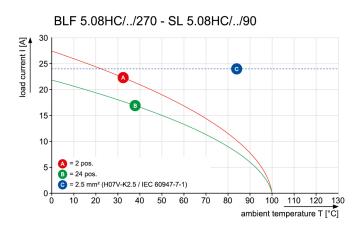
Graph



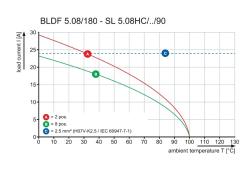
Graph



Graph



Graph





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Mating connector (fully pluggable)

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/13/225 SN B	Version	Product data	Packaging
Order No.	<u>1946670000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248622443	$225^{\circ}\text{, Clamping yoke connection, Clamping range, max.}:4~\text{mm}^2\text{, Box}$	UL: 300 V / 15 A / AWG 26 - AWG 12	2
O+	24/-)			
Qty.	24 pc(s).			
Туре	BLZP 5.08HC/13/225 SN O	Version	Product data	Packaging
				Packaging Box
Туре	BLZP 5.08HC/13/225 SN O		IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Box

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 yokes. HC = High Current.

Туре	BLZP 5.08HC/13/270 SN 0	Version	Product data	Packaging
Order No.	<u>1948900000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248626359	$270^{\circ}\text{, Clamping yoke connection, Clamping range, max.}: 4~\text{mm}^2\text{, Box}$	UL: 300 V / 20 A / AWG 26 - AWG 12	2
Qty.	24 pc(s).			
Type	BLZP 5.08HC/13/270 SN B	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/13/270 SN B 1949130000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	Product data IEC: 400 V / 23 A / 0.2 - 4 mm ²	Packaging Box
• •			IEC: 400 V / 23 A / 0.2 - 4 mm ²	Вох



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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/13/180 SN O	Version	Product data	Packaging
Order No.	<u>1943690000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248617708	180°, Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 20 A / AWG 26 - AWG 12	2
Qty.	24 pc(s).			
Туре	BLZP 5.08HC/13/180 SN B	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/13/180 SN B 1943920000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	Product data IEC: 400 V / 23 A / 0.2 - 4 mm ²	Packaging Box
• •	, ,		IEC: 400 V / 23 A / 0.2 - 4 mm ²	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

Туре	BLF 5.08HC/13/180 SN BK	Version	Product data	Packaging
Order No.	<u>1013550000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248721696	180°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm ²	, UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	24 pc(s).	Box	12	
	* * * *			
Туре	BLF 5.08HC/13/180 SN OR	Version	Product data	Packaging
Type Order No.	BLF 5.08HC/13/180 SN OR 1013810000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,		Packaging Box
• •			IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Вох



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Mating connector (fully pluggable)

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/13/90 SN BK	Version	Product data	Packaging
Order No.	<u>1948350000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 23 A / 0.2 - 4 mm ²	Box
GTIN (EAN)	4032248624874	90°, Clamping yoke connection, Clamping range, max. : 4 mm², Box	UL: 300 V / 20 A / AWG 26 - AWG 1:	2
Qty.	24 pc(s).			
т		· ·		
Type	BLZP 5.08HC/13/90 SN OR	Version	Product data	Packaging
Order No.	BLZP 5.08HC/13/90 SN OR 1948120000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	Product data IEC: 400 V / 23 A / 0.2 - 4 mm ²	Packaging Box
• •				Box

BLC 5.08R



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

Туре	BLC 5.08/13/180R BK BX	Version	Product data	Packaging
Order No.	<u>1712070000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190935085	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 5.08/13/180R OR BX	Version	Product data	Packaging
Type Order No.	BLC 5.08/13/180R OR BX 1610600000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	Product data IEC: 400 V / 21 A	Packaging Box
• •	, ,			Вох



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Mating connector (fully pluggable)

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

General ordering data

Туре	BLF 5.08HC/13/90 SN BK	Version	Product data	Packaging
Order No.	1000140001	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248690091	$90^{\circ}\text{, PUSH IN, Spring connection, Clamping range, max.} : 3.31 \text{ mm}^2\text{,}$	UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	24 pc(s).	Box	12	
Туре	BLF 5.08HC/13/90 SN OR	Version	Product data	Packaging
Type Order No.	BLF 5.08HC/13/90 SN OR 1001640000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,		Packaging Box
• •	, ,		IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box

BLF 5.08HC/270 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/13/270 SN OR	Version	Product data	Packaging
Order No.	<u>1982810000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248686902	270°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm ² ,	, UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	24 pc(s).	Вох	12	

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Mating connector (fully pluggable)

Туре	BLF 5.08HC/13/270 SN BK	Version	Product data	Packaging
Order No.	<u>1982040000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 24 A / 0.2 - 2.5 mm ²	Box
GTIN (EAN)	4032248685738	270°, PUSH IN, Spring connection, Clamping range, max.: 3.31 mm ²	, UL: 300 V / 18.5 A / AWG 26 - AWG	
Qty.	24 pc(s).	Вох	12	

BLZP 5.08HC/225B 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/13/225B SN	Version	Product data	Packaging
Order No.	<u>1945860000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Вох
GTIN (EAN)	4032248621385	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/13/225B SN	Version	Product data	Packaging
Type Order No.	BLZP 5.08HC/13/225B SN 1946090000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,		Packaging Box
	, ,		IEC: 400 V / 17.5 A / 0.2 - 4 mm ²	Вох

BLL 5.08/180



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

Туре	BLL 5.08/13/180 3.2 SN	Version	Product data	Packaging
Order No.	1648900000	PCB plug-in connector, female header, closed side, THT solder	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190293383	connection, 5.08 mm, Number of poles: 13, 180°, Solder pin length	UL: 300 V / 15 A	
Qty.	24 pc(s).	(I): 3.2 mm, tinned, orange, Box		



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Mating connector (fully pluggable)

BLL 5.08/90



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

General ordering data

Туре	BLL 5.08/13/90 3.2 SN O	Version	Product data	Packaging
Order No.	<u>1648420000</u>	PCB plug-in connector, female header, closed side, THT solder	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190292898	connection, 5.08 mm, Number of poles: 13, 90°, Solder pin length (I):	: UL: 300 V / 15 A	
Qty.	24 pc(s).	3.2 mm, tinned, orange, Box		

BLC 5.08BR



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

Туре	BLC 5.08/13/180BR BK BX	Version	Product data	Packaging
Order No.	<u>1712220000</u>	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	IEC: 400 V / 21 A	Box
GTIN (EAN)	4008190935238	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 5.08/13/180BR OR BX	Version	Product data	Packaging
Type Order No.	BLC 5.08/13/180BR OR BX 1649480000	Version PCB plug-in connector, female plug, 5.08 mm, Number of poles: 13,	Product data IEC: 400 V / 21 A	Packaging Box
• •	, ,			Вох



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Mating connector (fully pluggable)

BLL 5.08/180B



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

Туре	BLL 5.08/13/180B 3.2SN	Version	Product data	Packaging
Order No.	<u>1682840000</u>	PCB plug-in connector, female header, Dovetails for fixing blocks, THT	IEC: 400 V / 23 A	Box
GTIN (EAN)	4008190474607	solder connection, 5.08 mm, Number of poles: 13, 180°, Solder pin	UL: 300 V / 15 A	
Qty.	24 pc(s).	length (I): 3.2 mm, tinned, orange, Box		



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Accessories

LED Light guides



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

Туре	SL FLA 3.8/1	Version	Product data	Packaging
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 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).			
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 1.5/24	Version	Product data	
Order No.	<u>1595850000</u>	PCB plug-in connector, Accessories, Flood-light display, Transparent,		
GTIN (EAN)	4008190092573	Number of poles: 1		
Qty.	10 pc(s).			
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 2,3/1	Version	Product data	Packaging
Order No.	1636670000	PCB plug-in connector, Accessories, Flood-light display, Transparent,		Box
GTIN (EAN)	4008190409975	Number of poles: 1		
Qty.	100 pc(s).			



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Accessories

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).			

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 BK BX	Version	Product data	Packaging
Order No.	<u>1545710000</u>	PCB plug-in connector, Accessories, Coding element, black, Number		Box
GTIN (EAN)	4008190087142	of poles: 1		
Qty.	50 pc(s).			
Туре	BLZ/SL KO OR BX	Version	Product data	Packaging
Type Order No.	BLZ/SL KO OR BX 1573010000	Version PCB plug-in connector, Accessories, Coding element, orange, Number		Packaging Box
	,			= =
Order No.	<u>1573010000</u>	PCB plug-in connector, Accessories, Coding element, orange, Number		= =



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Accessories

Additional accessories



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

Туре	SL AT OR	Version	Product data	Packaging
Order No.	<u>1598300000</u>	PCB plug-in connector, Accessories, Spacer, orange, Number of poles	:	Box
GTIN (EAN)	4008190189266	1		
Qty.	100 pc(s).			
Туре	SL AT SW	Version	Product data	Packaging
Order No.	<u>1770240000</u>	PCB plug-in connector, Accessories, Spacer, black, Number of poles:	1	Вох
GTIN (EAN)	4032248117710			
Qty.	100 pc(s).			



Accessories

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Blocks for PCB mounting





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 SW	Version	Product data	Packaging
Order No.	<u>1692340000</u>	PCB plug-in connector, Accessories, Mounting block, black, Number of	of	Box
GTIN (EAN)	4008190864965	poles: 1		
Qty.	20 pc(s).			
_				
Type	SLA BB11R OR	Version	Product data	Packaging
Order No.	1604120000	Version PCB plug-in connector, Accessories, Mounting block, orange, Numbe		Packaging Box
				0 0



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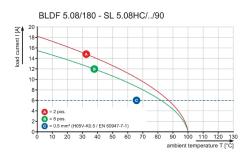
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Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Drawings

Graph





Safe power transmission Proven properties



P = PITCH

Date

27.02.2018

18.10.2010 | HERTEL_S

Drawn

Responsible

Checked

Approved

Name

HERTEL S

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SL 5.08HC/../90...

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MALE HEADER

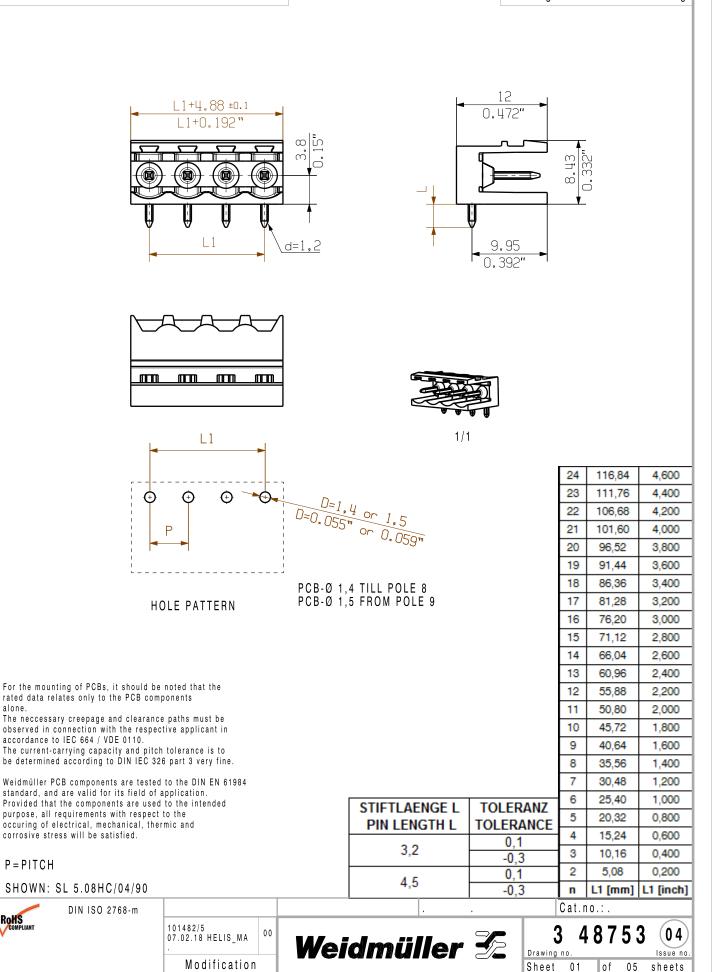
7377

Product file: SL-HP 5.08

ROHS

Scale: 2:1

Supersedes: .





Recommended wave solderding profiles

Weidmüller Interface GmbH & Co. KG

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Single Wave:



Double 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.