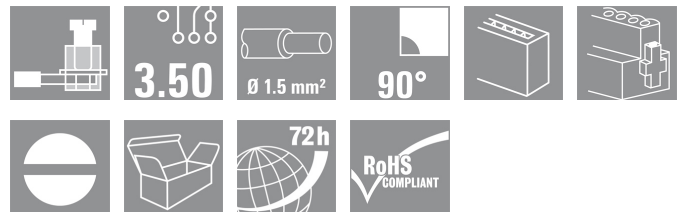


**BL/SL 3.50 series**  
**BL 3.50/04/90F SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 Germany  
 Fon: +49 5231 14-0  
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 www.weidmueller.com



Female connectors with clamping yoke screw system for connecting conductors at 3.50 mm pitch. They include space for labelling and can be coded.

- 0.20 - 1.5 mm<sup>2</sup> (IEC) / 28 - 14 AWG (UL)
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	<a href="#">1639030000</a>
Type	BL 3.50/04/90F SN OR BX
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 4, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm <sup>2</sup> , Box
GTIN (EAN)	4008190276577
Qty.	100 pc(s).
Product data	IEC: 320 V / 12 A / 0.2 - 1.5 mm <sup>2</sup> UL: 300 V / 8 A / AWG 28 - AWG 14
Packaging	Box

Creation date May 30, 2012 9:35:32 AM CEST

**BL/SL 3.50 series**  
**BL 3.50/04/90F SN OR BX**

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**Technical data**
**Dimensions**

Net weight 4.53 g

**System parameters**

Product family	BL/SL 3.50 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	90°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	4
Number of rows	1	Screwdriver blade	0.4 x 2.5
Screwdriver blade standard	DIN 5264	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Clamping screw	M 2
Stripping length	6 mm	L1 in mm	10.5 mm
L1 in inches	0.413 inch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

**Material data**

Insulating material	PBT	Colour	Orange
Colour chart	Similar to RAL 2000	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C		

**Connectable conductors**

Clamping range, rated connection, min.	0.08 mm <sup>2</sup>	Clamping range, rated connection, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section AWG, max.	AWG 28
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm <sup>2</sup>	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm <sup>2</sup>
Plug gauge acc. to EN 60999 a x b; Ø	2.4 mm x 1.5 mm		

**DIN IEC rating data**

Rated current, min. no. of poles (Tu=20°C)	12 A	Rated current, max. no. of poles (Tu=20°C)	10 A
Rated current, number of poles (Tu=40°C), min	10 A	Rated current, number of poles (Tu=40°C), max.	8 A
Rated voltage for surge voltage class / pollution degree II/2	320 V	Rated voltage for surge voltage class / pollution degree III/2	160 V
Rated voltage for surge voltage class / pollution degree III/3	160 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	2.5 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 100 A		

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Technical data**

**CSA rating data**

Institute (CSA)



Rated voltage (Use group B)

Rated current (use group B)	10 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 14

Rated voltage (use group B)	300 V
Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 28

**UL 1059 rating data**

Rated voltage (use group B)	300 V
Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 28

Rated current (use group B)	8 A
Rated current (use group D)	8 A
Wire cross-section, AWG, max.	AWG 14

**Classifications**

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	eClass 5.1	27-26-07-04
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

**Notes**

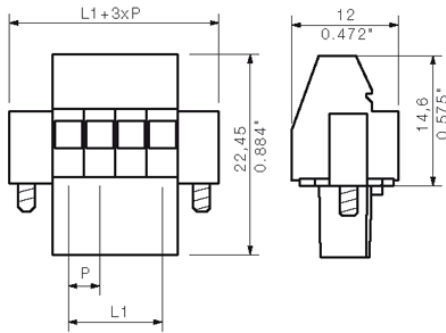
Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = 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.

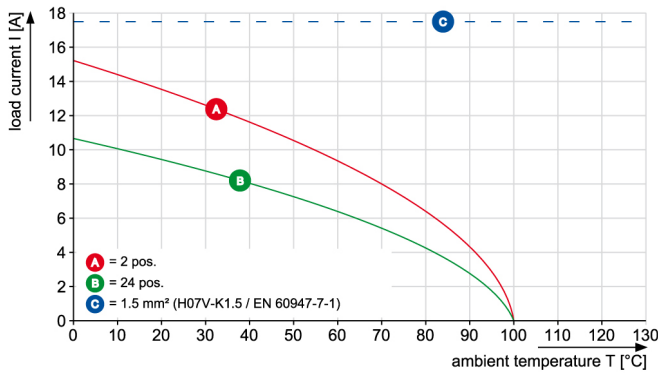
**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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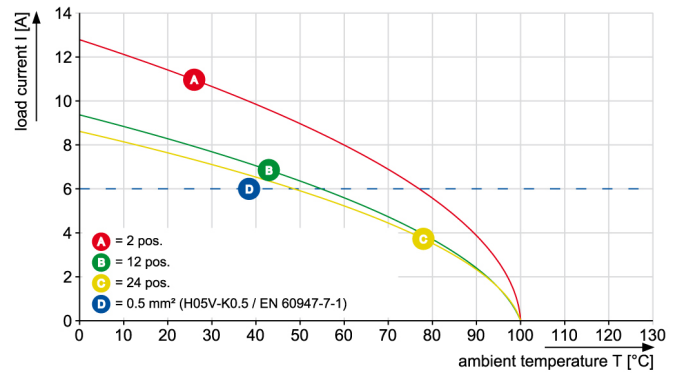
**Drawings**



BL 3.50/./90 & /270 - SL 3.50/./90



BL 3.50/./90 & /270 - SL 3.50/./90



**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (fully pluggable)**
**SL-SMT 3.5/90LF Tape**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1805330000</a>	SL-SMT 3.50/04/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248269587	385 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

**SL-SMT 3.5/180LF Tape**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

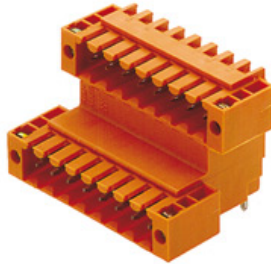
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1805240000</a>	SL-SMT 3.50/04/180LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248269518	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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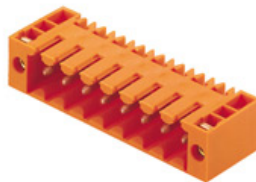
**Mating connector (fully pluggable)**
**SLD 3.5V/90F**


Two-tier offset male connector for wave soldering, with 3.50 mm pitch. The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1642380000</a>	SLD 3.50 V/08/90F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280901	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**SL 3.5/90F**


Male connector with 3.50 mm pitch for wave soldering. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

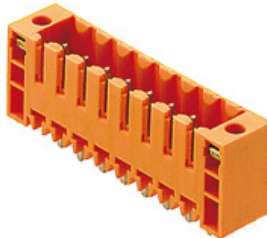
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1607060000</a>	SL 3.50/04/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190131661	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (fully pluggable)**
**SL 3.5/180F**


Male connector with 3.50 mm pitch for wave soldering. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1607520000</a>	SL 3.50/04/180F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190039097	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**SL-SMT 3.5/180F Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

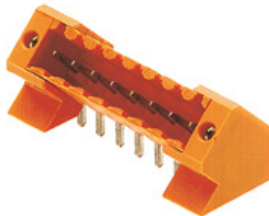
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1760982001</a>	SL-SMT 3.50/04/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131556	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
<a href="#">1842790000</a>	SL-SMT 3.50/04/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248354153	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (fully pluggable)**
**SL 3.5/135F**


Male connector with 3.50 mm pitch for wave soldering. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1643350000</a>	SL 3.50/04/135F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190282110	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**SL-SMT 3.5/90F Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

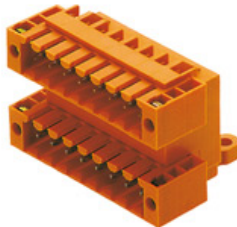
**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1842100000</a>	SL-SMT 3.50/04/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353453	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box



**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (fully pluggable)**
**SLD 3.5/90F**


Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1633830000</a>	SLD 3.50/08/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190258283	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**SL-SMT 3.5/180LF Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1842560000</a>	SL-SMT 3.50/04/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353927	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
<a href="#">1804720000</a>	SL-SMT 3.50/04/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268702	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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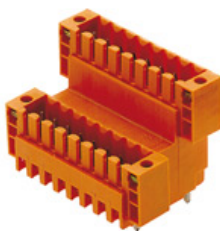
**Mating connector (fully pluggable)**
**SL-SMT 3.5/90LF Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1841880000</a>	SL-SMT 3.50/04/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353231	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
<a href="#">1804960000</a>	SL-SMT 3.50/04/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268863	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**SLD 3.5V/180F**


Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1641250000</a>	SLD 3.50 V/08/180F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279653	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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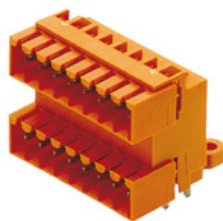
**Mating connector (conditionally pluggable)**
**SL-SMT 3.5/180G Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1842340000</a>	SL-SMT 3.50/04/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353682	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
<a href="#">1753002001</a>	SL-SMT 3.50/04/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248130894	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**SLD 3.5/90G**


Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1633600000</a>	SLD 3.50/08/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190258054	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (conditionally pluggable)**
**SL-THR 3.5/135F**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1003530000</a>	SL-SMT 3.50/04/135F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 135°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248700165	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**SL-SMT 3.5/90G Tape**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

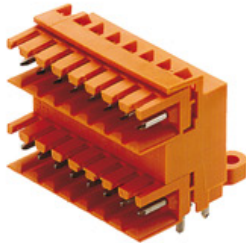
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1761564002</a>	SL-SMT 3.50/04/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248193349	385 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

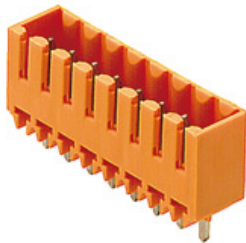
**Mating connector (conditionally pluggable)**
**SLD 3.5/90**


Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1633370000</a>	SLD 3.50/08/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190257828	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**SL 3.5/180G**


Male connector with 3.50 mm pitch for wave soldering. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1604490000</a>	SL 3.50/04/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190115852	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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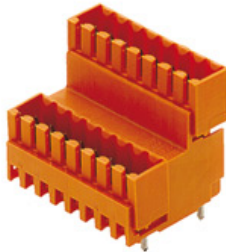
**Mating connector (conditionally pluggable)**
**SLD 3.5V/90G**


Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1642250000</a>	SLD 3.50 V/08/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280772	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**SLD 3.5V/180G**


Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

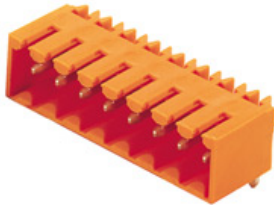
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1641120000</a>	SLD 3.5 V/8/180G 3.2OR	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279523	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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**Mating connector (conditionally pluggable)**
**SL 3.5/90G**


Male connector with 3.50 mm pitch for wave soldering  
 The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1605090000</a>	SL 3.50/04/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190054304	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**SL-SMT 3.5/180G Tape**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1753004002</a>	SL-SMT 3.50/04/180G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248193219	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
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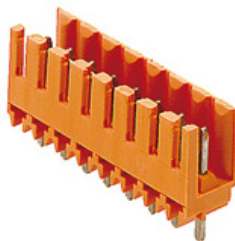
**Mating connector (conditionally pluggable)**
**SL-SMT 3.5/90G Box**


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1841650000</a>	SL-SMT 3.50/04/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248352807	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
<a href="#">1761562001</a>	SL-SMT 3.50/04/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248132058	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**SL 3.5/180**


Male connector with 3.50 mm pitch for wave soldering. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1604790000</a>	SL 3.50/04/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190127855	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

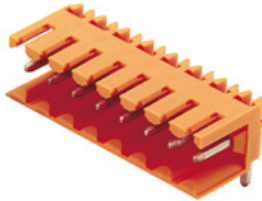


**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
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**Mating connector (conditionally pluggable)**

**SL 3.5/90**



Male connector with 3.50 mm pitch for wave soldering  
The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
<a href="#">1597230000</a>	SL 3.50/04/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190029838	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series  
BL 3.50/04/90F SN OR BX**

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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**

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data
<a href="#">1693430000</a>	BL SL 3.5 KO OR	PCB plug-in connector, Accessories, Coding element, Orange, No. of poles: 1	4008190867447	100 pc(s).	
<a href="#">1610100000</a>	BL SL 3.5 KO SW	PCB plug-in connector, Accessories, Coding element, Black, No. of poles: 1	4008190187637	100 pc(s).	



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