

**BL/SL 3.50 series**  
**BL 3.50/06/180F SN BK BX**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

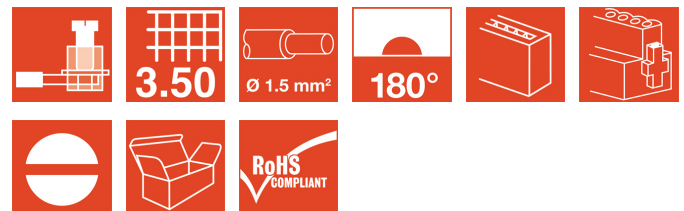
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

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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="#">1615820000</a>
Type	BL 3.50/06/180F SN BK BX
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 6, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm <sup>2</sup> , Box
Product data	IEC: 320 V / 17 A / 0.2 - 1.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 28 - AWG 14
GTIN (EAN)	4008190062538
Qty.	50 pc(s).
Packaging	Box

Creation date March 13, 2012 11:52:07 AM CET

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**Technical data****System parameters**

Product family	BL/SL 3.50 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	6
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	17.5 mm
L1 in inches	0.689 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	Black
Colour chart	Similar to RAL 9011	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)	17 A	Rated current, max. no. of poles (Tu=20°C)	12 A
Rated current, number of poles (Tu=40°C), min.	14.5 A	Rated current, number of poles (Tu=40°C), max.	10 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		

**CSA rating data**

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	10 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 28
Wire cross-section, AWG, max.	AWG 14		

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**Technical data**

**UL 1059 rating data**

Institute (UR)



Rated voltage (use group B)

300 V

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 D)	300 V
Wire cross-section, AWG, min.	AWG 28

**Classifications**

ETIM 3.0	EC001284	ETIM 4.0	EC002637
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.

**Approvals**

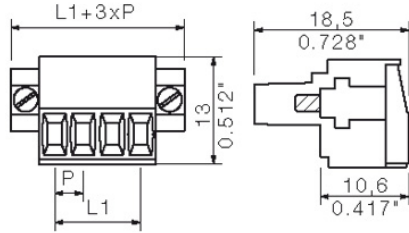
Approvals



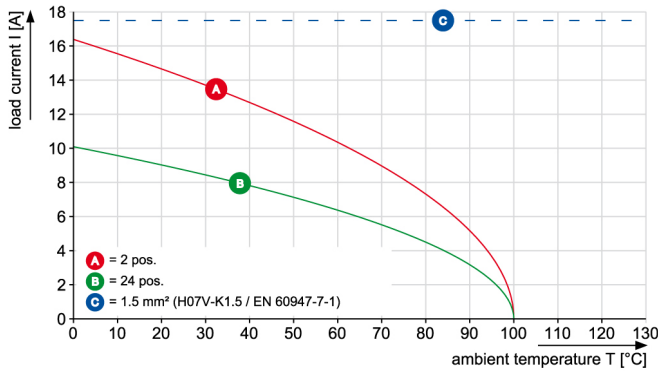
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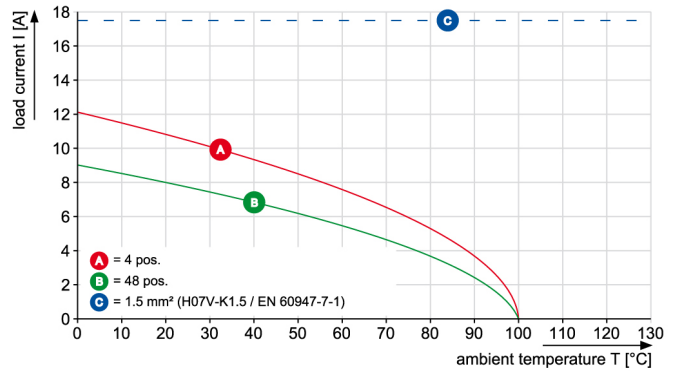
**Drawings**



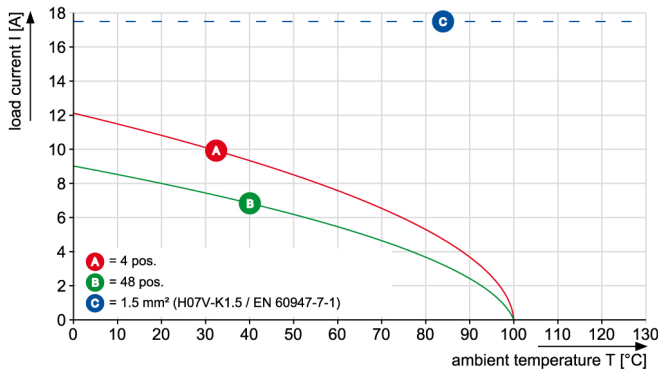
**BL 3.50/..180 - SL-SMT 3.50/..90**



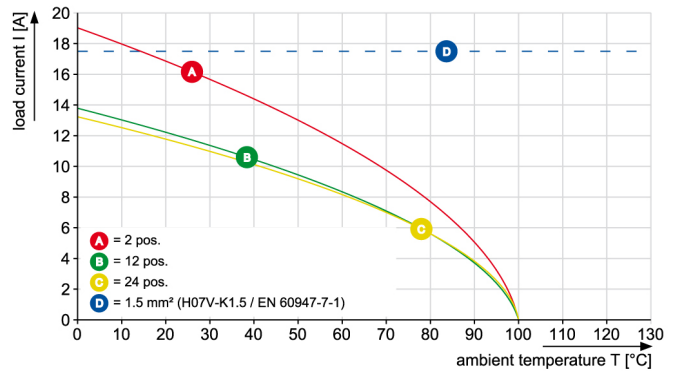
**BL 3.50/..180 - SLD 3.50/..90**



**BL 3.50/..180 - SLD 3.50V/..180**



**BL 3.50/..180 - SL 3.50/..90**

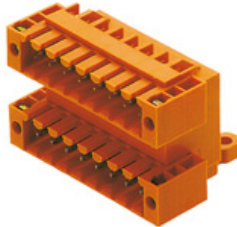


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**Mating connector (fully pluggable)**

**SLD 3.5/90F**



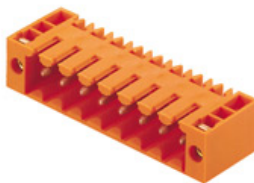
Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1633850000</a>	SLD 3.50/12/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190258306	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1607080000</a>	SL 3.50/06/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190101312	50 pc(s).	Box

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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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1643370000</a>	SL 3.50/06/135F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 6, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4008190282134	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1842810000</a>	SL-SMT 3.50/06/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248354177	50 pc(s).	Box
<a href="#">1761002001</a>	SL-SMT 3.50/06/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248131570	50 pc(s).	Box

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 Fax: +49 5231 14-2083  
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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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1642390000</a>	SLD 3.50 V/12/90F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190280918	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1842120000</a>	SL-SMT 3.50/06/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353477	50 pc(s).	Box

**BL/SL 3.50 series  
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 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
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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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1804980000</a>	SL-SMT 3.50/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248268887	50 pc(s).	Box
<a href="#">1841900000</a>	SL-SMT 3.50/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353255	50 pc(s).	Box

**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)

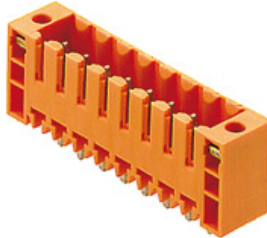
**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1805270000</a>	SL-SMT 3.50/06/180LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248269532	265 pc(s).	Tape



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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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1607540000</a>	SL 3.50/06/180F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190177140	50 pc(s).	Box

**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.

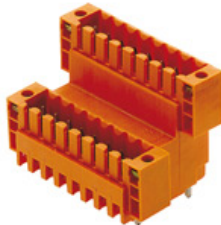
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1805350000</a>	SL-SMT 3.50/06/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248269600	385 pc(s).	Tape

**BL/SL 3.50 series  
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**Mating connector (fully pluggable)**
**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1641260000</a>	SLD 3.50 V/12/180F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190279660	50 pc(s).	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.

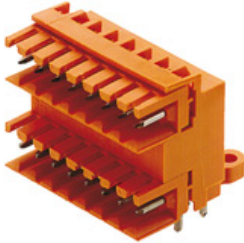
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1804740000</a>	SL-SMT 3.50/06/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248268825	50 pc(s).	Box
<a href="#">1842580000</a>	SL-SMT 3.50/06/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353941	50 pc(s).	Box

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**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1633390000</a>	SLD 3.50/12/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190257842	50 pc(s).	Box

**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1642260000</a>	SLD 3.50 V/12/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190280789	50 pc(s).	Box

**BL/SL 3.50 series  
BL 3.50/06/180F SN BK BX**

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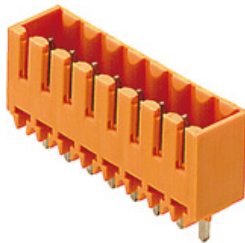
**Mating connector (conditionally pluggable)**
**SL-SMT 3.5/90G Tape**


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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1761584001</a>	SL-SMT 3.50/06/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248136025	385 pc(s).	Tape

**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**

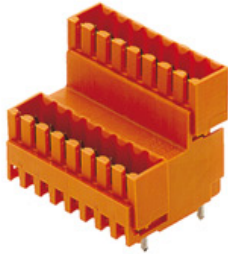
Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1604510000</a>	SL 3.50/06/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190159559	50 pc(s).	Box

**BL/SL 3.50 series**  
**BL 3.50/06/180F SN BK 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 3.5V/180G**



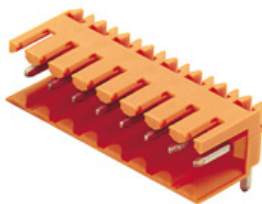
Two-tier offset male connector for wave soldering, with 3.50 mm pitch. The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

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

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1641130000</a>	SLD 3.5 V/12/180G 3.2OR	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190279530	50 pc(s).	Box

**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.

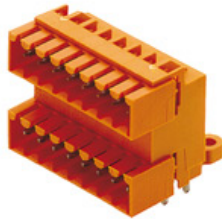
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1597250000</a>	SL 3.50/06/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190163624	50 pc(s).	Box

**BL/SL 3.50 series**  
**BL 3.50/06/180F SN BK BX**

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 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

**Mating connector (conditionally pluggable)**
**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1633620000</a>	SLD 3.50/12/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190258078	50 pc(s).	Box

**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.

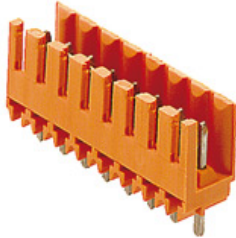
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1753022001</a>	SL-SMT 3.50/06/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248130924	50 pc(s).	Box
<a href="#">1842360000</a>	SL-SMT 3.50/06/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353712	50 pc(s).	Box

**BL/SL 3.50 series  
BL 3.50/06/180F SN BK 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)**
**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1604810000</a>	SL 3.50/06/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190145460	50 pc(s).	Box

**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1003550000</a>	SL-SMT 3.50/06/135F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 6, 135°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248726721	50 pc(s).	Box

**BL/SL 3.50 series  
BL 3.50/06/180F SN BK 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)**
**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1761582001</a>	SL-SMT 3.50/06/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248132072	50 pc(s).	Box
<a href="#">1841670000</a>	SL-SMT 3.50/06/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353026	50 pc(s).	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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1753024001</a>	SL-SMT 3.50/06/180G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248135622	265 pc(s).	Tape

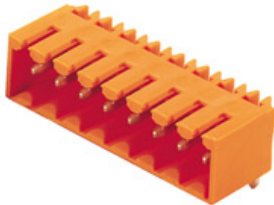


**BL/SL 3.50 series**  
**BL 3.50/06/180F SN BK BX**

**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)**

**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	Product data	GTIN (EAN)	Qty.	Packaging
<a href="#">1605110000</a>	SL 3.50/06/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190059552	50 pc(s).	Box

