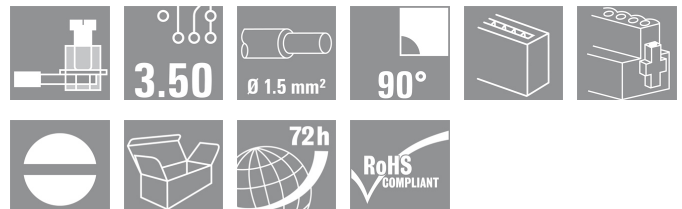


BL/SL 3.50 series
BL 3.50/04/90F SN OR BX

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



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 mm² (IEC) / 28 - 14 AWG (UL)
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	1639030000
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 ² , Box
GTIN (EAN)	4008190276577
Qty.	100 pc(s).
Product data	IEC: 320 V / 12 A / 0.2 - 1.5 mm ² 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

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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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 ²	Clamping range, rated connection, max.	1.5 mm ²
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 ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
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 (T _u =20°C)	12 A	Rated current, max. no. of poles (T _u =20°C)	10 A
Rated current, number of poles (T _u =40°C), min	10 A	Rated current, number of poles (T _u =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 1 s with 100 A		

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

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

Technical data
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

UL 1059 rating data

Rated voltage (use group B) 300 V

Rated current (use group B) 8 A

Rated voltage (use group D) 300 V

Rated current (use group D) 8 A

Wire cross-section, AWG, min. AWG 28

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

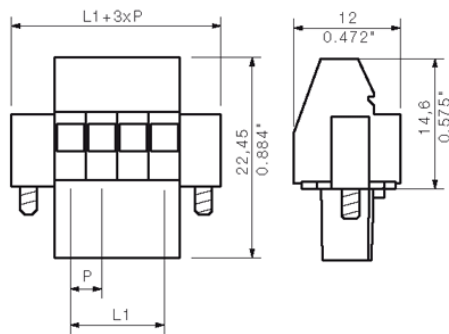
Notes

- 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.

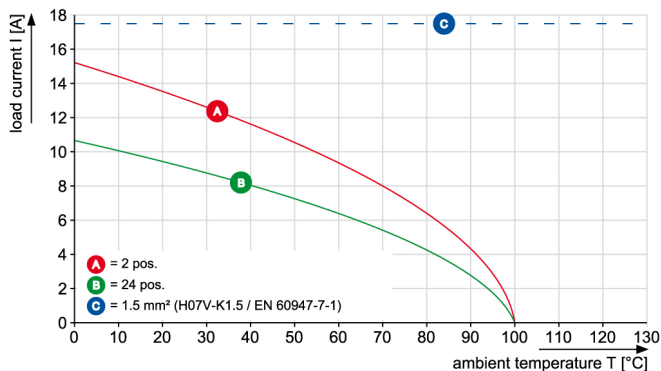
BL/SL 3.50 series BL 3.50/04/90F SN OR BX

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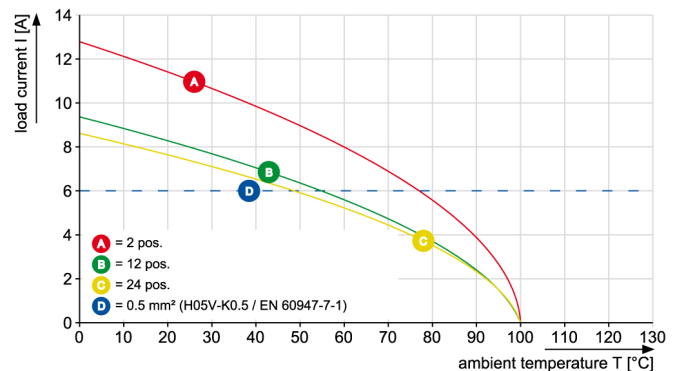
Drawings



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
1805330000	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

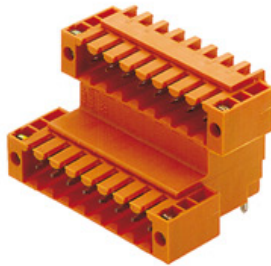
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1805240000	SL-SMT 3.50/04/180LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248269518	265 pc(s).	IEC: 320 V / 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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Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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Mating connector (fully pluggable)

SLD 3.5V/90F



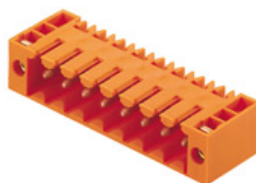
Two-tier offset male connector for wave soldering, with 3.50 mm pitch. The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1642380000	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

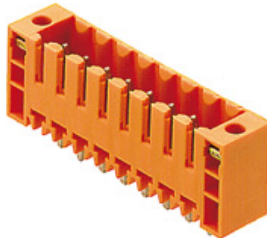
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1607060000	SL 3.50/04/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190131661	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10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

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

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 (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
1607520000	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

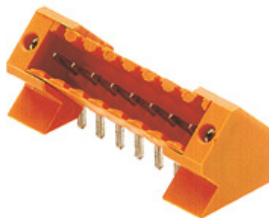
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1760982001	SL-SMT 3.50/04/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131556	100 pc(s).	IEC: 320 V / 15 A UL: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

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 (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
1643350000	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

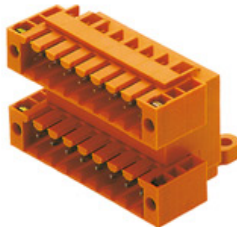
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1842100000	SL-SMT 3.50/04/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353453	100 pc(s).	IEC: 320 V / 15 A UL: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

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

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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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
1633830000	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
1842560000	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
1804720000	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

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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Mating connector (fully pluggable)

SL-SMT 3.5/90LF Box



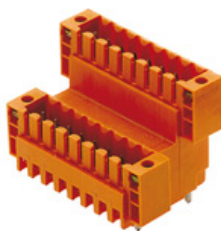
High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 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
1841880000	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
1804960000	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
1641250000	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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 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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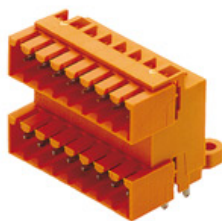
Mating connector (conditionally pluggable)
SL-SMT 3.5/180G Box


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
1842340000	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
1753002001	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
1633600000	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

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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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
1003530000	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

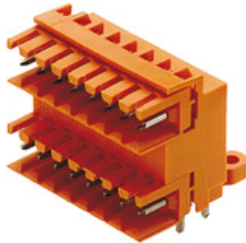
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1761564002	SL-SMT 3.50/04/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248193349	385 pc(s).	IEC: 320 V / 15 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
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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Mating connector (conditionally pluggable)

SLD 3.5/90



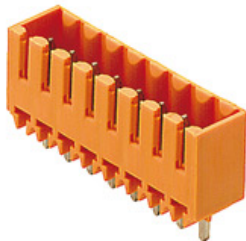
Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1633370000	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
1604490000	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

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

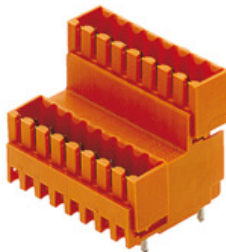
Mating connector (conditionally pluggable)
SLD 3.5V/90G


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
1642250000	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

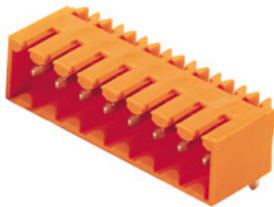
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1641120000	SLD 3.5 V/8/180G 3.2OR	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279523	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V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

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

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D-32758 Detmold
Germany
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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
1605090000	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
1753004002	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

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D-32758 Detmold
Germany
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Mating connector (conditionally pluggable)

SL-SMT 3.5/90G Box



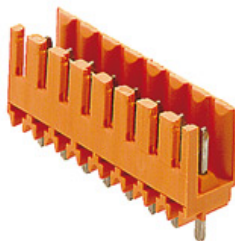
High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 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
1841650000	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
1761562001	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.

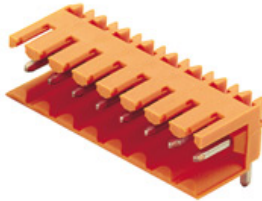
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1604790000	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

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Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

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

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
1597230000	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
1693430000	BL SL 3.5 KO OR	PCB plug-in connector, Accessories, Coding element, Orange, No. of poles: 1	4008190867447	100 pc(s).	
1610100000	BL SL 3.5 KO SW	PCB plug-in connector, Accessories, Coding element, Black, No. of poles: 1	4008190187637	100 pc(s).	

