

## B2L/S2L 3.50 - 2-row series B2L 3.50/20/180 SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

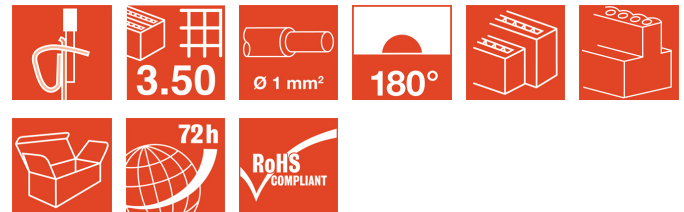
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

www.weidmueller.com



### Component density redefined: the future standard for signal connection

Maximum connection density in the smallest of spaces - the 2-row B2L raises the bar higher for standard sensor cables up to 1mm<sup>2</sup> and bridges the gap between insufficient space and more functions.

The result is a connecting solution for standard industrial cables with 1.75 pitch - 30% smaller than an equivalent solution with 2.5 pitch and with 140% the robustness of 3.5 pitch

Dimensions: double the connection density with 3.5mm pitch size

Connection system: tried and tested maintenance-free

Weidmüller tension clamp connection

Connection data / Performance:

- 0.20 - 1.0mm<sup>2</sup> (IEC) / 28 - 18 AWG (UL)
- 80 V / 10 A (IEC) / 150 V / 10 A (UL)
- No. of poles: 4 to 36

The basic application advantages:

Efficient - maximum component density on the PCB

Suitable for industrial use - minimum dimensions, maximum robustness

Process-optimised - automatic configuration and reflow solders, rapid connection

User-friendly - patented release lever for the easy release of larger numbers of poles

Application-oriented: easy labelling and reliable coding despite compact dimensions

Miniaturisation is more than just a larger number of functions within a small space:

Every reduction in size decreases space requirements and the overall system costs less for the end customer.

Weidmüller fulfils a growing demand in the engineering and industrial automation sectors.

### General ordering data

|              |  |
|--------------|--|
| Order No.    | <a href="#">1727630000</a>   |
| Type         | B2L 3.50/20/180 SN OR BX   |
| Version      | PCB plug-in connector, female plug, 3.50 mm, No. of poles: 20, 180°, Tension clamp connection, Clamping range, rated connection, max.: 1 mm <sup>2</sup> , Box |
| Product data | IEC: 200 V / 10.3 A / 0.2 - 1 mm <sup>2</sup><br>UL: 300 V / 10 A / AWG 28 - AWG 16  |
| GTIN (EAN)   | 4032248036776  |
| Qty.         | 20 pc(s).  |
| Packaging    | Box  |

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**B2L/S2L 3.50 - 2-row series**  
**B2L 3.50/20/180 SN OR BX**

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

|  |                             |   |                          |
|--|-----------------------------|---|--------------------------|
| Product family                             | B2L/S2L 3.50 - 2-row series | Conductor connection system                 | Tension clamp connection |
| Outgoing direction of conductor            | 180°                        | Pitch in mm (P)                             | 3.5 mm                   |
| Pitch in inches (P)                        | 0.138 inch                  | No. of poles                                | 20                       |
| Number of rows                             | 1                           | Stripping length                            | 7 mm                     |
| L1 in mm                                   | 31.5 mm                     | L1 in inches                                | 1.24 inch                |
| Touch-safe protection acc. to DIN VDE 0470 | IP 20                       | Touch-safe protection acc. to DIN VDE 57106 | 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 mm <sup>2</sup>    |
| Wire connection cross section AWG, min.         | AWG 28               | Wire connection cross section AWG, max.         | AWG 18               |
| Solid, min. H05(07) V-U                         | 0.2 mm <sup>2</sup>  | Solid, max. H05(07) V-U                         | 1 mm <sup>2</sup>    |
| Flexible, min. H05(07) V-K                      | 0.2 mm <sup>2</sup>  | Flexible, max. H05(07) V-K                      | 1 mm <sup>2</sup>    |
| w. wire end ferrule, DIN 46228 pt 1, min.       | 0.13 mm <sup>2</sup> | w. wire end ferrule, DIN 46228 pt 1, max.       | 0.34 mm <sup>2</sup> |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.13 mm <sup>2</sup> | w. plastic collar ferrule, DIN 46228 pt 4, max. | 0.34 mm <sup>2</sup> |

**DIN IEC rating data**

|   |                  |   |        |
|---|------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C)                            | 10.3 A           | Rated current, max. no. of poles (Tu=20°C)                                | 8.7 A  |
| Rated current, number of poles (Tu=40°C), min                         | 8.9 A            | Rated current, number of poles (Tu=40°C), max.                            | 7.4 A  |
| Rated voltage for surge voltage class / pollution degree II/2         | 200 V            | Rated voltage for surge voltage class / pollution degree III/2            | 160 V  |
| Rated voltage for surge voltage class / pollution degree III/3        | 80 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 77 A |   |        |

**CSA rating data**


|                               |   |                               |        |
|-------------------------------|---|-------------------------------|--------|
| Institute (CSA)               |  | Rated voltage (Use group B)   | 300 V  |
| Rated current (use group B)   | 5 A   | Wire cross-section, AWG, min. | AWG 28 |
| Wire cross-section, AWG, max. | AWG 18  |                               |        |

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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 voltage (use group C)   | 50 V   |                             |  |
| Rated current (use group C)   | 10 A   | Wire cross-section, AWG, min.   | AWG 28 |                             |  |
| Wire cross-section, AWG, max. | AWG 16 |   |        |                             |  |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 4.0   | EC002637    | UNSPSC     | 30-21-18-10 |
| eClass 4.1 | 27-26-07-01 | eClass 5.1 | 27-26-07-01 |
| 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.
  - Wire end ferrule with plastic collar to DIN 46228/4
  - Wire end ferrule without plastic collar to DIN 46228/1
  - P on drg. = pitch
  - We recommend crimp shape A for wire-end ferrules with crimping tools PZ 1,5 (order no. 9005990000) or PZ 6/5 (order no. 9011460000) for the larger wire cross-sections.
  - 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.

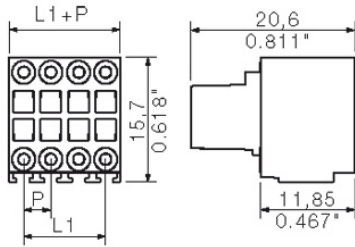
**Approvals**



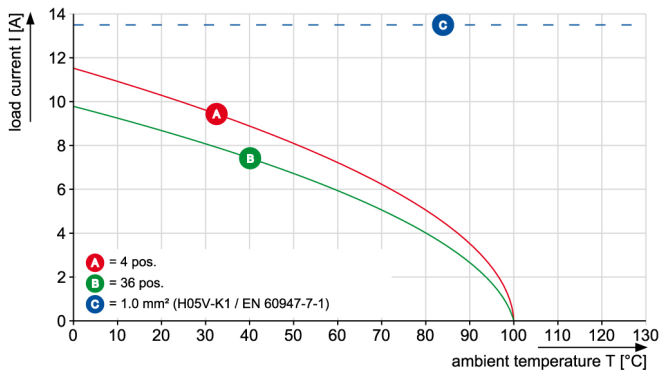
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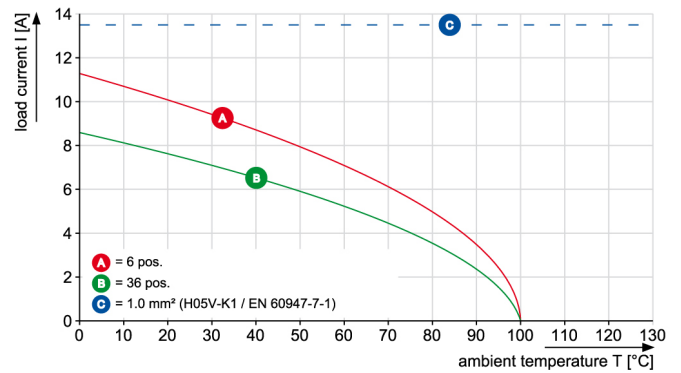
**Drawings**



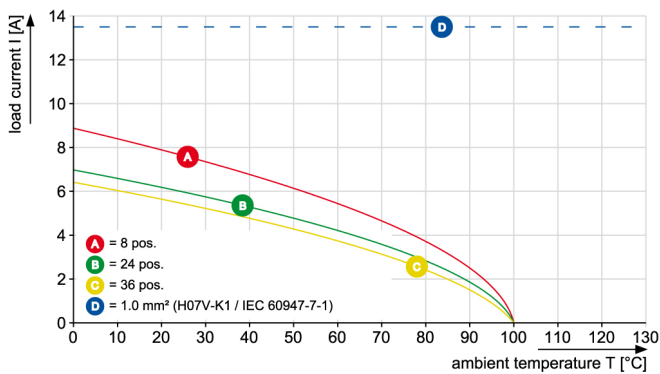
**B2L 3.50/./180 - S2L-SMT 3.50/./90**



**B2L 3.50/./180 - S2L 3.50/./90**



**B2L 3.50/./180 - S2LD-THR 3.50/./90**



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**Mating connector (fully pluggable)**
**S2L-SMT 3.50/180G Tape**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                             | Version  | Product data                          | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| <a href="#">1807850000</a> | S2L-SMT 3.50/20/180G 3.5SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Tape | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248279555 | 175 pc(s). | Tape      |

**S2L-SMT 3.50/90G Tape**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                            | Version   | Product data                          | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|------------|-----------|
| <a href="#">1807540000</a> | S2L-SMT 3.50/20/90G 3.2SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Tape | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248278831 | 235 pc(s). | Tape      |

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**Mating connector (fully pluggable)**
**S2L-SMT 3.50/180G Box**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                             | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|----------------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1794600000</a> | S2L-SMT 3.50/20/180G 3.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248231782 | 20 pc(s). | Box       |

**S2L-SMT 3.50/90 BOX**


High-temperature-resistant, straight, 2-tier pin header for all common soldering methods. Optimized for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These pin headers can be labelled and coded. (Packaging in tape on request)

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                           | Version  | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|--------------------------------|--|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1794440000</a> | S2L-SMT 3.50/20/90 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248231621 | 20 pc(s). | Box       |

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 Fax: +49 5231 14-2083  
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**Mating connector (fully pluggable)**

**S2L 3.50/180G**



Straight two-tier pin header available as closed-sided or with flange (open-sided pin headers on request). Pin headers with 3.5mm pins are designed for wave soldering and are packaged in a box. They can be screwed on to the PCB. The pin headers provide space for labelling and can be coded.

- 80 V (IEC) / 150 V (UL)
- 9 A (IEC) / 8 A (UL)

**General ordering data**

| Order No.                  | Type                         | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|------------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1728860000</a> | S2L 3.50/20/180G 3.5SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Orange, Box | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248036899 | 20 pc(s). | Box       |
| <a href="#">1729020000</a> | S2L 3.50/20/180G 3.5SN BK BX | PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box  | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248040452 | 20 pc(s). | Box       |

**S2L-SMT 3.50/180 Box**



High-temperature-resistant, straight, 2-tier male connector for all common soldering methods. Optimized for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers can be labelled and coded. (Packaging in tape on request)

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                            | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|---------------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1794760000</a> | S2L-SMT 3.50/20/180 3.5SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248231942 | 20 pc(s). | Box       |

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B2L 3.50/20/180 SN OR BX**

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Germany  
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Fax: +49 5231 14-2083  
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**Mating connector (fully pluggable)**
**S2L-SMT 3.50/90G Box**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                            | Version  | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|---------------------------------|--|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1794280000</a> | S2L-SMT 3.50/20/90G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248231447 | 20 pc(s). | Box       |

**S2L 3.50/90G**


Angled, two-tier pin header available as closed-sided or with flange (open-sided pin headers on request). Pin headers with 3.5mm pins are designed for wave soldering and are packaged in a box. They can be screwed on to the PCB. The pin headers provide space for labelling and can be coded.

- 80 V (IEC) / 150 V (UL)
- 9 A (IEC) / 8 A (UL)

**General ordering data**

| Order No.                  | Type                        | Version  | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------|--|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1728060000</a> | S2L 3.50/20/90G 3.5SN BK BX | PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box  | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248039555 | 20 pc(s). | Box       |
| <a href="#">1727900000</a> | S2L 3.50/20/90G 3.5SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.5 mm, tinned, Orange, Box | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248036387 | 20 pc(s). | Box       |

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**Mating connector (conditionally pluggable)**
**S2L 3.50/180F**


Straight two-tier pin header available as closed-sided or with flange (open-sided pin headers on request). Pin headers with 3.5mm pins are designed for wave soldering and are packaged in a box. They can be screwed on to the PCB. The pin headers provide space for labelling and can be coded.

- 80 V (IEC) / 150 V (UL)
- 9 A (IEC) / 8 A (UL)

**General ordering data**

| Order No.                  | Type                         | Version  | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|------------------------------|--|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1729500000</a> | S2L 3.50/20/180F 3.5SN OR BX | PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Orange, Box | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248036929 | 20 pc(s). | Box       |
| <a href="#">1729660000</a> | S2L 3.50/20/180F 3.5SN BK BX | PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box  | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248041060 | 20 pc(s). | Box       |

**S2L-SMT 3.50/180LF Box**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                              | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1795270000</a> | S2L-SMT 3.50/20/180LF 3.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248232789 | 20 pc(s). | Box       |

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**Mating connector (conditionally pluggable)**
**S2L-SMT 3.50/180LF Tape**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                              | Version  | Product data                          | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| <a href="#">1807940000</a> | S2L-SMT 3.50/20/180LF 3.5SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Tape | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248279647 | 175 pc(s). | Tape      |

**S2LD-THR 3.50/90LF SN**

**The new benchmark for component density: the virtual 0.875mm pitch - for 1mm<sup>2</sup> I/O connections**

The only 4-row double level male connectors for standard IP20 sensor interfaces with 3.5 pitch

The S2L in a double pack - a standard has surpassed itself:

- Each 3.5mm wide, 4 I/O contacts for 1mm<sup>2</sup> connection cross-section
- Force-fit enclosure geometry guarantees maximum stability
- Solder flange eliminates the need for a screw fastening

Less is more - basic advantages for your applications:

- 75% space savings on the circuit board
- Solder flange reduces process costs
- Less mechanical load on the soldering points
- More space for displays in the front panel, for example

A "small" contribution to greater competitiveness: additional features in the same installation space or a more compact device with the same range of functions.

**General ordering data**

| Order No.                  | Type                              | Version   | Product data                        | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------------|---|-------------------------------------|---------------|-----------|-----------|
| <a href="#">1028420000</a> | S2LD-THR 3.50/20/90LF 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 200 V / 8 A<br>UL: 150 V / 7 A | 4032248756919 | 20 pc(s). | Box       |

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- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                             | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|----------------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1794930000</a> | S2L-SMT 3.50/20/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Box | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248232383 | 20 pc(s). | Box       |

**S2L-SMT 3.50/90LF Tape**


High-temperature-resistant, straight, 2-tier male connector for all common 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 can be labelled and coded.

- 50 V (IEC) / 150 V (UL)
- 10 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Type                             | Version  | Product data                          | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|--|---------------------------------------|---------------|------------|-----------|
| <a href="#">1807630000</a> | S2L-SMT 3.50/20/90LF 3.2SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Tape | IEC: 160 V / 10 A<br>UL: 150 V / 10 A | 4032248279029 | 235 pc(s). | Tape      |

**B2L/S2L 3.50 - 2-row series  
B2L 3.50/20/180 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)**

**S2L 3.50/90F**



Angled, two-tier pin header available as closed-sided or with flange (open-sided pin headers on request). Pin headers with 3.5mm pins are designed for wave soldering and are packaged in a box. They can be screwed on to the PCB. The pin headers provide space for labelling and can be coded.

- 80 V (IEC) / 150 V (UL)
- 9 A (IEC) / 8 A (UL)

**General ordering data**

| Order No.                  | Type                        | Version   | Product data                          | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------|---|---------------------------------------|---------------|-----------|-----------|
| <a href="#">1728540000</a> | S2L 3.50/20/90F 3.5SN OR BX | PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.5 mm, tinned, Orange, Box | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248036868 | 20 pc(s). | Box       |
| <a href="#">1728700000</a> | S2L 3.50/20/90F 3.5SN BK BX | PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box  | IEC: 250 V / 10 A<br>UL: 150 V / 10 A | 4032248040162 | 20 pc(s). | Box       |

