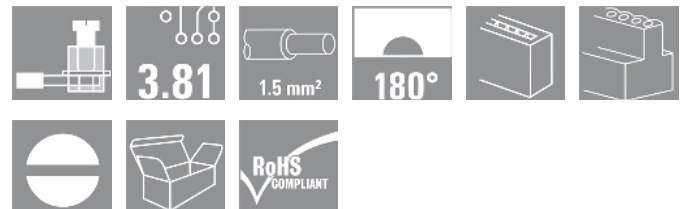


BC/SC 3.81 series BCZ 3.81/08/180 SN OR BX

Weidmüller Interface GmbH & Co. KG
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Female socket connectors with clamping-yoke screw system for connecting wires.

Three wire-outlet directions are available and provide flexible connection-level design options:

- 180° wire parallel to plugging direction
- 90° wire perpendicular and above plugging direction
- 270° wire perpendicular and below plugging direction

There are three housing shapes, covering many different requirements, to choose from:

- Standard housing without flange
- Flange with screw (F)
- Flange featuring Weidmüller's patented release latch (LR) for lock-and-release latching with no strain and no tools needed.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of customary connectors and offer space for labelling and coding.

- 0.20 - 1.5 mm² (IEC) / 28 - 16 AWG (UL)
- 250 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| | |
|--------------|---|
| Order No. | 1940790000 |
| Type | BCZ 3.81/08/180 SN OR BX |
| Version | PCB plug-in connector, female plug, 3.81 mm, No. of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box |
| GTIN (EAN) | 4032248656042 |
| Qty. | 50 pc(s). |
| Product data | IEC: 320 V / 17.5 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 28 - AWG 16 |
| Packaging | Box |

Creation date February 20, 2013 7:23:32 PM CET

BC/SC 3.81 series
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Technical data
Dimensions and weights

Net weight 6.44 g

System parameters

| | | | |
|--|------------------------|--|--------------------------|
| Product family | BC/SC 3.81 series | Conductor connection system | Clamping yoke connection |
| Outgoing direction of conductor | 180° | Pitch in mm (P) | 3.81 mm |
| Pitch in inches (P) | 0.15 inch | No. of poles | 8 |
| 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 | 7 mm | L1 in mm | 26.67 mm |
| L1 in inches | 1.05 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 | PA GF | Colour | Orange |
| Colour chart (similar) | RAL 2000 | UL 94 flammability rating | V-0 |
| CTI | ≥ 550 | Contact material | Copper alloy |
| Contact surface | tinned | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 120 °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 28 | Wire connection cross section AWG, max. | AWG 16 |
| 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 ; 2.4 mm | | |

DIN IEC rating data

| | | | |
|---|------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C) | 17.5 A | Rated current, max. no. of poles (Tu=20°C) | 17.5 A |
| Rated current, number of poles (Tu=40°C), min | 17 A | Rated current, number of poles (Tu=40°C), max. | 15.2 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 76 A | | |

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Technical data

CSA rating data

Institute (CSA)



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 16 |

| | |
|-------------------------------|--------|
| 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) | 10 A |
| Rated current (use group D) | 10 A |
| Wire cross-section, AWG, max. | AWG 16 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| UNSPSC | 30-21-18-10 | 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 & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = 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

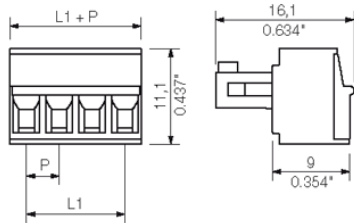
Approvals



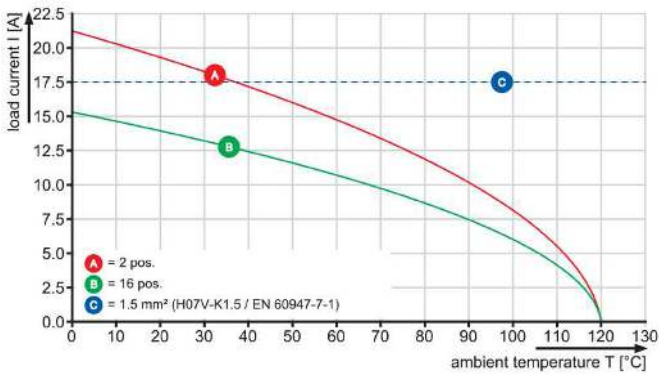
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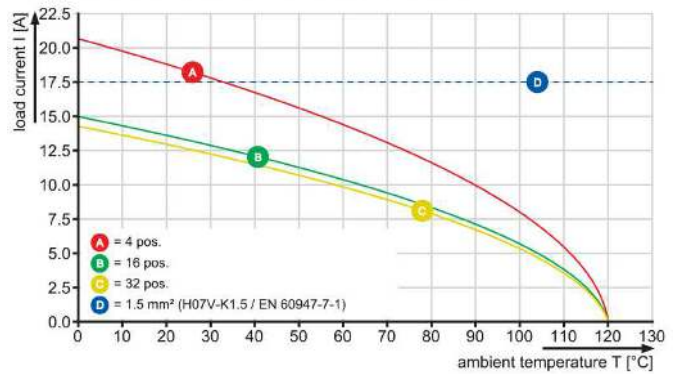
Drawings



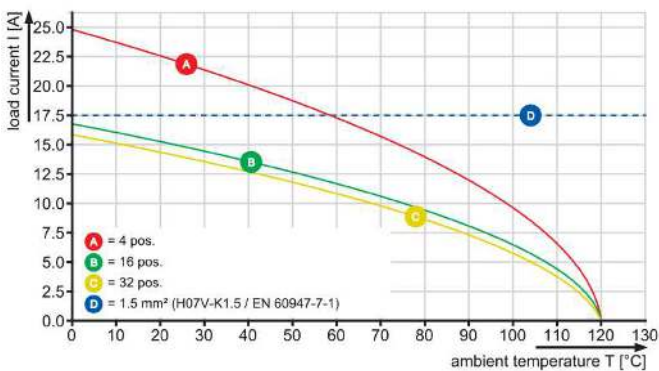
BCZ 3.81/./180 - SC-SMT 3.81/./90



BCZ 3.81/./180 - SCD-THR 3.81/./90



BCZ 3.81/./180 - SCDV-THR 3.81/./180



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Mating connector (conditionally pluggable)
SC-SMT 3.81/90LF Box


High-temperature-resistant pin header (SC-SMT 90LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|-----------|---|-----------|
| 1862630000 | SC-SMT 3.81/08/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248427826 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1863760000 | SC-SMT 3.81/08/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248429011 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

SC-SMT 3.81/90G Tape


High-temperature-resistant pin header (SC-SMT 90G) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- Closed (G)
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|---|-----------|
| 1863200000 | SC-SMT 3.81/08/90G 1.5SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 mm, No. of poles: 8, 90° | 4032248428397 | 400 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |

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BCZ 3.81/08/180 SN OR BX**

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Mating connector (conditionally pluggable)

| | | | | |
|----------------------------|--------------------------------|--|--------------------------|---|
| | | Solder pin length (l): 1.5 mm, tinned, Black, Tape | | |
| 1862900000 | SC-SMT 3.81/08/90G 3.2SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Tape | 4032248428038 400 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A |
| | | | | Tape |

SC-SMT 3.81/90LF Tape


High-temperature-resistant pin header (SC-SMT 90LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|---|-----------|
| 1864020000 | SC-SMT 3.81/08/90LF 3.2SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Tape | 4032248429264 | 400 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |
| 1862850000 | SC-SMT 3.81/08/90LF 1.5SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248428007 | 400 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |

**BC/SC 3.81 series
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Mating connector (conditionally pluggable)
SC-SMT 3.81/180LF Box


High-temperature-resistant pin header (SC-SMT 180LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|--|---------------|-----------|---|-----------|
| 1864130000 | SC-SMT 3.81/08/180LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248429431 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1863340000 | SC-SMT 3.81/08/180LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248428496 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

SC-SMT 3.81/180LF Tape


High-temperature-resistant pin header (SC-SMT 180LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|--|---------------|------------|---|-----------|
| 1863640000 | SC-SMT 3.81/08/180LF 3.2SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, | 4032248428847 | 300 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |

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Mating connector (conditionally pluggable)

180°, Solder pin length (l):
 3.2 mm, tinned, Black, Tape

| | | | | | |
|----------------------------|----------------------------------|--|--------------------------|---|------|
| 1864280000 | SC-SMT 3.81/08/180LF 1.5SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248429585 300 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |
|----------------------------|----------------------------------|--|--------------------------|---|------|

SC 3.81/90F


The SC pin header has a parallel (recumbent) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions. Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors. They support a flood-light display and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|---|-------------------------|------|---|-----------|
| 1942510000 | SC 3.81/08/90F 3.2SN OR BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4032248655083 50 pc(s). | | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793470000 | SC 3.81/08/90F 3.2SN GN BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box | 4032248228744 50 pc(s). | | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793380000 | SC 3.81/08/90F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248228454 50 pc(s). | | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

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Mating connector (conditionally pluggable)
SC 3.81/180F


The SC pin header has a perpendicular (standing) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|---|---------------|-----------|---|-----------|
| 1793750000 | SC 3.81/08/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248230877 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1943240000 | SC 3.81/08/180F 3.2SN OR BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4032248654352 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793840000 | SC 3.81/08/180F 3.2SN GN BX | PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box | 4032248230969 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

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Mating connector (fully pluggable)
SC 3.81/180G


The SC pin header has a perpendicular (standing) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|---|-----------|
| 1942840000 | SC 3.81/02/180G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4032248654758 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793610000 | SC 3.81/02/180G 3.2SN GN BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box | 4032248230730 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793520000 | SC 3.81/02/180G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248230433 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

SC-SMT 3.81/180G Box


High-temperature-resistant pin header (SC-SMT 180G) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- Closed (G) .
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|-----------|---|-----------|
| 1862920000 | SC-SMT 3.81/02/180G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 | 4032248428113 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

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Mating connector (fully pluggable)

mm, No. of poles: 2, 180°,
 Solder pin length (l): 3.2
 mm, tinned, Black, Box

| | | | |
|--|---|--|-----|
| 1863720000 SC-SMT 3.81/02/180G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248428793 50 pc(s). IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
|--|---|--|-----|

SC-SMT 3.81/90G Box


- High-temperature-resistant pin header (SC-SMT 90G) in 3.81-mm pitch (0.15 inch)
- Plugging direction parallel to PCB (recumbent)
 - Closed (G)
 - Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
 - Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|--|---------------|-----------|---|-----------|
| 1862460000 | SC-SMT 3.81/02/90G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248427611 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1862960000 | SC-SMT 3.81/02/90G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248428069 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

BC/SC 3.81 series BCZ 3.81/08/180 SN OR BX

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Mating connector (fully pluggable)

SC 3.81/90G



The SC pin header has a parallel (recumbent) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors. They support a flood-light display and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|---|---------------|-----------|---|-----------|
| 1793240000 | SC 3.81/02/90G 3.2SN GN BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box | 4032248227716 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1942020000 | SC 3.81/02/90G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4032248655526 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |
| 1793130000 | SC 3.81/02/90G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Solder connection, 3.81 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248227624 | 50 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Box |

SC-SMT 3.81/180G Tape



High-temperature-resistant pin header (SC-SMT 180G) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- Closed (G) .
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.

- 320 V (IEC) / 300 V (UL)
- 14.9 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---|-----------|
| 1864050000 | SC-SMT 3.81/02/180G 1.5SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 3.81 | 4032248429172 | 300 pc(s). | IEC: 320 V / 17.5 A UL: 300 V / 10 A | Tape |

**BC/SC 3.81 series
BCZ 3.81/08/180 SN OR BX**

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Mating connector (fully pluggable)

mm, No. of poles: 2, 180°,
 Solder pin length (l): 1.5
 mm, tinned, Black, Tape

| | | | |
|--|---|---------------------|------|
| 1863450000 SC-SMT 3.81/02/180G 3.2SN BK RL | PCB plug-in connector, male4032248428557 300 pc(s). | IEC: 320 V / 17.5 A | Tape |
| | header, closed side, Reflow | UL: 300 V / 10 A | |
| | solder connection, 3.81 | | |
| | mm, No. of poles: 2, 180°, | | |
| | Solder pin length (l): 3.2 | | |
| | mm, tinned, Black, Tape | | |

