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Weidmüller 1862460000

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Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



Datasheet

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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



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)

| | <u> </u> |
|------------------|--|
| | |
| Order No. | <u>1862460000</u> |
| Part designation | SC-SMT 3.81/02/90G 3.2SN BK BX |
| Version | PCB plug-in connector, male header, 3.81 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box |
| GTIN (EAN) | 4032248427611 |
| Qty. | 50 pc(s). |
| Packaging | Box |



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Technical data

| Insulation resistance 10³ Ω Electric shock protection to DIN VDE 0470 IP 20 Electric shock protection to DIN VDE 57 106 Safe from finger touch Material data Insulating material Insulating material Insulating material group IIII Insulating material group IIII IIII IIII IIII IIII IIII IIII | System parameters | | | |
|--|---|--------------------------|---|-------------------|
| Pitch in mm 3.81 mm 3.81 mm 3.81 mm 5.0 of poles 2 5.0 of prows 1 1.3 mm 5.0 of poles 2 5.0 of prows 1 1.3 mm 5.0 of poles 1 5.0 of prows 1 1.3 mm 5.0 of poles 1 5.0 of prows 1 1.3 mm 5.0 of poles 1.0 of pole | Fitted to PCB | Reflow solder connection | Outgoing elhow | 90° |
| Solder pin length 3.2 mm | | | | |
| Can be coded | | | | |
| Diameter of solder pins per pole 1 Diameter of solder pins per pole 1 Diameter of the diameter of the solder + 0.1 mm 3.81 mm | | | | |
| Tolerance of the diameter of the solder eyelet + 0.1 mm 3.81 mm 1.1 in inch 0.15 inch Insulation resistance 10 ³ Ω 1.2 Electric shock protection to DIN VDE 0470 IP 20 Electric shock protection to DIN VDE 57 106 Safe from finger touch Material data Selectric shock protection to DIN VDE 57 106 Safe from finger touch | | | | 1.3 mm |
| Septent | | · | | |
| Material data CP F | eyelet | + 0,1 mm | | 3.81 mm |
| Material data CP F | L1 in inch | 0.15 inch | Insulation resistance | 10 ³ Ω |
| Colour Diack National LCP GF Colour Diack Illa Flammability class UL 94 V-0 Contact material Copper alloy Highest continous operating temperature, min. -25 °C Max. relative humidity during storage Max. relative humi | Electric shock protection to DIN VDE 0470 | | Electric shock protection to DIN VDE 57 106 | |
| Islating material group Isla CTI 2175 Contact material CTI 2175 Contact material Copper alloy Highest continous operating temperature, max. 120 °C Islated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 160 V Rated voltage at overvoltage category/ Dislution degree Itl/3 160 V Rated voltage for overvoltage class/pollution Severity Itl/2 160 V Rated voltage for overvoltage class/pollution Severity Itl/2 320 V Short-time withstand current resistance 3 x 1s with 76 A CSA rating data Rated voltage (Use group B) 300 V Rated voltage (use group D) 300 V Rated current (use group B) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals CIassifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Material data | | | |
| Islating material group Isla CTI 2175 Contact material CTI 2175 Contact material Copper alloy Highest continous operating temperature, max. 120 °C Islated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 160 V Rated voltage at overvoltage category/ Dislution degree Itl/3 160 V Rated voltage for overvoltage class/pollution Severity Itl/2 160 V Rated voltage for overvoltage class/pollution Severity Itl/2 320 V Short-time withstand current resistance 3 x 1s with 76 A CSA rating data Rated voltage (Use group B) 300 V Rated voltage (use group D) 300 V Rated current (use group B) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals CIassifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Insulating material | LCP GF | Colour | black |
| CTI ≥ 175 Contact material Copper alloy Highest continous operating temperature, min25 °C Max. relative humidity during storage 85 % 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) 13.9 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 160 ∨ Rated inpulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated woltage for overvoltage class/pollution voevroltage class/pollution severity III/2 2.5 kV Rated woltage for overvoltage class/pollution voevroltage class/pollution severity III/2 2.5 kV Rated woltage for overvoltage class/pollution voevroltage class/pollution severity III/2 2.5 kV Rated woltage for overvoltage class/pollution voevroltage class/pollution severity III/2 2.5 kV Rated woltage (Iso group B) 300 V Rated current (use group B) 10 A Rated voltage (Use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Approvals CSA; CURUS; ROHS Classifications | * | | | |
| Contact surface tinned min25 °C min2 | <u> </u> | | | |
| tinned min. 2-25 °C Max. relative humidity during storage max. 120 °C Max. related current, no. of poles (Tu=20°C) 13.9 A Related current, no. of poles (Tu=40°C), max. 12.4 A Related current, no. of poles (Tu=40°C), max. 12.4 A Related voltage (lass/pollution severity III/2 2.5 kV Related voltage class/pollution severity III/2 2.5 kV Related voltage (use group B) 300 V Related impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Related impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Related voltage (use group B) 300 V Related voltage (use group B | | - 110 | | оорры апоу |
| Highest continous operating temperature, max. 120 °C Max. relative humidity during storage 85 % 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) 13.9 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current (vise group B) 2.5 kV overvoltage class/pollution severity III/3 2.5 kV overvoltage class/pollution severity III/3 2.5 kV overvoltage class/pollution severity III/3 2.5 kV overvoltage for overvoltage for overvoltage class/pollution severity III/2 2.5 kV over | Contact Surface | tinned | | -25 °C |
| Pated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, max. No. of poles (Tu=20°C) 13.9 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated voltage at overvoltage category/ sollution degree III/3 160 V voltage for overvoltage class/pollution severity III/3 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/3 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV 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 Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group B) 200 V Rated current (use group D) 10 A Rated voltage (use group B) 200 V Rated current (use group D) 10 A Rated voltage (use group B) 200 V Rated current (use group D) 200 V Rated current (use group | Highest continous operating temperature. | | | · · |
| Rated current, min. No. of poles (Tu=20°C) 17.5 A Rated current, max. No. of poles (Tu=20°C) 13.9 A Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated current, no. of poles (Tu=40°C), max. 12.4 A Rated impulse and poles (Tu=40°C), max. 12.4 A Rated impulse and poles (Tu=40°C), max. 12.4 A Rated impulse and poles (Tu=40°C), max. 12.4 A Rated impulse (Tu=40°C), max. 12.4 A Rated impuls | max. | 120 °C | 3 | 85 % |
| Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), mix. 12.4 A Rated voltage at overvoltage category/ oolution degree III/3 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage (as group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group | DIN IEC rating data | | | |
| Rated current, no. of poles (Tu=40°C), min. 17 A Rated current, no. of poles (Tu=40°C), mix. 12.4 A Rated voltage at overvoltage category/ oolution degree III/3 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage (as group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group B) 10 A Rated voltage (use group B) 300 V Rated voltage (use group | Pated current, min. No. of pales (Tu=20°C) | 17.5 A | Poted current may No. of poles (Tu=20°C) | 12.0.4 |
| Rated voltage at overvoltage category/ pollution degree III/3 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 2.5 kV Rated withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 | | | | |
| collution degree III/3 160 V overvoltage class/pollution severity III/3 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 160 V overvoltage class/pollution severity III/2 2.5 kV Rated voltage for overvoltage class/pollution severity III/2 320 V Rated impulse withstand voltage for overvoltage class/pollution severity III/2 2.5 kV Short-time withstand current resistance 3 x 1s with 76 A CSA rating data 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 UL 1059 rating data Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group B) 300 V Rated current (use group B) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals Approvals CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | | 17.6 | | 12.4 // |
| Rated voltage for overvoltage class/pollution severity III/2 160 V Rated voltage for overvoltage class/pollution severity III/2 320 V Short-time withstand current resistance 3 x 1s with 76 A CSA rating data Rated voltage (Use group B) 300 V Rated voltage (Use group D) 300 V Rated voltage (use group D) 300 V Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group B) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals CIassifications ETIM 3.0 EC001284 Reclass 5.1 27-26-07-04 | | 160 V | | 2.5 kV |
| Severity II/2 320 V overvoltage class/pollution severity II/2 2.5 kV Short-time withstand current resistance 3 x 1s with 76 A CSA rating data 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 UL 1059 rating data Rated voltage (use group B) 300 V Rated current (use group B) 10 A 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 Approvals Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | | | Rated impulse withstand voltage for | 2.5 kV |
| CSA rating data 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 UL 1059 rating data Rated voltage (use group B) 300 V Rated current (use group B) 10 A 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 Approvals CSA; CURUS; ROHS CIassifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Rated voltage for overvoltage class/pollution severity II/2 | | | 2.5 kV |
| 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 UL 1059 rating data Rated voltage (use group B) 300 V Rated current (use group B) 10 A 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 Approvals Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Short-time withstand current resistance | 3 x 1s with 76 A | | |
| Rated voltage (use group D) 300 V Rated current (use group D) 10 A UL 1059 rating data 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 Approvals Approvals CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | CSA rating data | | | |
| Rated voltage (use group D) 300 V Rated current (use group D) 10 A UL 1059 rating data 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 Approvals Approvals CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Rated voltage (Use group B) | 300 V | Rated current (use group B) | 10 A |
| 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 Approvals Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Rated voltage (use group D) | 300 V | | 10 A |
| Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | UL 1059 rating data | | | |
| Rated voltage (use group D) 300 V Rated current (use group D) 10 A Approvals Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | | 000.17 | 2 | 40.4 |
| Approvals Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | | | | |
| Approvals institutes CSA; CURUS; ROHS Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | ≺ated voltage (use group D) | 300 V | Rated current (use group D) | 10 A |
| Classifications ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Approvals | | | |
| ETIM 3.0 EC001284 eClass 5.1 27-26-07-04 | Approvals institutes | CSA; CURUS; ROHS | | |
| | Classifications | | | |
| | ETIM 3.0 | EC001284 | eClass 5.1 | 27-26-07-04 |
| | eClass 6.0 | | _ | |

Creation date October 1, 2010 0:28:50 PM CEST



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



Weidmüller **₹**

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG

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Fon: +49 5231 14-0 Fax: +49 5231 14-2083 www.weidmueller.com

Technical data

Notes

Notes

- · Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- 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.



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Datasheet

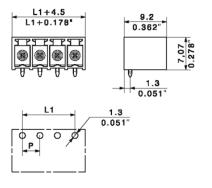
Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN BK BX

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Drawings





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Counterpart

BCZ 3.81/180



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)

| | ordorning data | | | | |
|-------------------|--------------------------|-------------------------------|---------------|-----------|-----------|
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
| <u>1792860000</u> | BCZ 3.81/02/180 SN GN BX | PCB plug-in connector, female | 4032248226948 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1792770000 | BCZ 3.81/02/180 SN BK BX | PCB plug-in connector, female | 4032248226757 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1940730000 | BCZ 3.81/02/180 SN OR BX | PCB plug-in connector, female | 4032248656103 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| | | | | | |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



Datasheet

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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

Counterpart

BCZ 3.81/270



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)

| Ochiciai | nuering data | | | | |
|-------------------|--------------------------|-------------------------------|---------------|-----------|-----------|
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
| <u>1940190000</u> | BCZ 3.81/02/270 SN OR BX | PCB plug-in connector, female | 4032248656646 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1798940000 | BCZ 3.81/02/270 SN BK BX | PCB plug-in connector, female | 4032248243723 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1799010000 | BCZ 3.81/02/270 SN GN BX | PCB plug-in connector, female | 4032248243808 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| | | | | | |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Weidmüller **3**

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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

Counterpart

BCZ 3.81/90



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)

| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
|------------|-------------------------|---------------------------------|---------------|-----------|-----------|
| 1939820000 | BCZ 3.81/02/90 SN OR BX | PCB plug-in connector, female | 4032248653966 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: 2, | | | |
| | | 90°, Clamping yoke connection | ٦, | | |
| | | Clamping range, max.: 1.5 | | | |
| | | mm², Box | | | |
| 1798500000 | BCZ 3.81/02/90 SN BK BX | PCB plug-in connector, female | 4032248243006 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: 2 | | | |
| | | 90°, Clamping yoke connection | ٦, | | |
| | | Clamping range, max.: 1.5 | | | |
| | | mm², Box | | | |
| 1798680000 | BCZ 3.81/02/90 SN GN BX | PCB plug-in connector, female | 4032248243273 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: 2 | | | |
| | | 90°, Clamping yoke connection | ٦, | | |
| | | Clamping range, max.: 1.5 | | | |
| | | mm², Box | | | |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Datasheet

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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

Counterpart

BCZ 3.81/90F



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)

| | Version | GTIN (EAN) | Qty. | Packaging |
|--------------------------|---------------------------------|---|--|--|
| BCZ 3.81/02/90F SN GN BX | PCB plug-in connector, female | 4032248243532 | 50 pc(s). | Box |
| | plug, 3.81 mm, No. of poles: 2, | | | |
| | 90°, Clamping yoke connection | ١, | | |
| | Clamping range, max.: 1.5 | | | |
| | mm², Box | | | |
| BCZ 3.81/02/90F SN BK BX | PCB plug-in connector, female | 4032248243464 | 50 pc(s). | Box |
| | plug, 3.81 mm, No. of poles: 2, | | | |
| | 90°, Clamping yoke connection | ١, | | |
| | Clamping range, max.: 1.5 | | | |
| | mm², Box | | | |
| BCZ 3.81/02/90F SN OR BX | PCB plug-in connector, female | 4032248656844 | 50 pc(s). | Box |
| | plug, 3.81 mm, No. of poles: 2, | | | |
| | 90°, Clamping yoke connection | ١, | | |
| | Clamping range, max.: 1.5 | | | |
| | mm², Box | | | |
| | BCZ 3.81/02/90F SN BK BX | plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN BK BX PCB plug-in connector, female plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN OR BX PCB plug-in connector, female plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection Clamping range, max.: 1.5 good clamping yoke connection Clamping range, max.: 1.5 | plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN BK BX PCB plug-in connector, female 4032248243464 plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN OR BX PCB plug-in connector, female 4032248656844 plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 | plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN BK BX PCB plug-in connector, female 4032248243464 50 pc(s). plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 mm², Box BCZ 3.81/02/90F SN OR BX PCB plug-in connector, female 4032248656844 50 pc(s). plug, 3.81 mm, No. of poles: 2, 90°, Clamping yoke connection, Clamping range, max.: 1.5 |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Weidmüller **3**

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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

Counterpart

BCZ 3.81/180LR



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)

| Contorui | or dorning data | | | | |
|-------------------|----------------------------|-------------------------------|---------------|-----------|-----------|
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
| <u>1941780000</u> | BCZ 3.81/02/180LR SN BK BX | PCB plug-in connector, female | 4032248698707 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1941400000 | BCZ 3.81/02/180LR SN OR BX | PCB plug-in connector, female | 4032248698325 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1941590000 | BCZ 3.81/02/180LR SN GN BX | PCB plug-in connector, female | 4032248698516 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| | | | | | |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Datasheet

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN BK BX

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Klingenbergstraße 16 D-32758 Detmold Germany

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Counterpart

BCZ 3.81/180F



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)

| | raoring data | | | | |
|-------------------|---------------------------|-------------------------------|---------------|-----------|-----------|
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
| <u>1941010000</u> | BCZ 3.81/02/180F SN OR BX | PCB plug-in connector, female | 4032248655830 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1793040000 | BCZ 3.81/02/180F SN GN BX | PCB plug-in connector, female | 4032248227129 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1792950000 | BCZ 3.81/02/180F SN BK BX | PCB plug-in connector, female | 4032248227037 | 50 pc(s). | Вох |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 180°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| | | | | | |



Datasheet of 1862460000 - TERM BLOCK HDR 2POS R/A 3.81MM

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Weidmüller 🏖

Pitch 3.81 mm (0.150 inch) SC-SMT 3.81/02/90G 3.2SN 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

Counterpart

BCZ 3.81/270F



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)

| Ochiciai | ordering data | | | | |
|------------|---------------------------|-------------------------------|---------------|-----------|-----------|
| Order No. | Part designation | Version | GTIN (EAN) | Qty. | Packaging |
| 1940460000 | BCZ 3.81/02/270F SN OR BX | PCB plug-in connector, female | 4032248656370 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1799100000 | BCZ 3.81/02/270F SN BK BX | PCB plug-in connector, female | 4032248243990 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| 1799170000 | BCZ 3.81/02/270F SN GN BX | PCB plug-in connector, female | 4032248244065 | 50 pc(s). | Box |
| | | plug, 3.81 mm, No. of poles: | | | |
| | | 2, 270°, Clamping yoke | | | |
| | | connection, Clamping range, | | | |
| | | max.: 1.5 mm², Box | | | |
| | | | | | |