

BCZ 3.81 AH10 BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Effective protection, optimised ergonomics and closed design:

From the strain relief on the connected conductors and the visual/contact protection and the disconnection aid: the optional retrofit hoods perform mechanical, visual and haptic functions.

The two half shells clip together securely, enclose the plug completely and offer the following functions:

- Cable ties or integrated cable clips provide strain relief.
- Marked with dekafix labels or adhesive strips
- Mounting side by side without losing poles or displacing the pitch
- Compatible: suitable for plugs with or without a flange or mounting bracket
- Flexible: 1-3 cable outlets leading in different directions available depending on the size

Weidmüller hoods offer added stability, better identification, complete compatibility and versatility.

The result: maximum reliability and user-friendliness in any application.

General ordering data

| | |
|--------------|--|
| Version | PCB plug-in connector, Accessories, Hood, black, Number of poles: 10 |
| Order No. | 1005350000 |
| Type | BCZ 3.81 AH10 BK BX |
| GTIN (EAN) | 4032248752577 |
| Qty. | 10 pc(s). |
| Product data | |
| Packaging | Box |

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Technical data

Dimensions and weights

| | |
|------------|-------|
| Net weight | 7.4 g |
|------------|-------|

System specifications

| | | | | |
|---------------------|-------------------------------------|-------------------|------|--------|
| Product family | OMNIMATE Signal - series BC/SC 3.81 | | | |
| Pitch in mm (P) | 3.81 mm | | | |
| Pitch in inches (P) | 0.15 " | | | |
| Number of poles | 10 | | | |
| L1 in inches | 0.15 " | | | |
| Pin series quantity | 1 | | | |
| Tightening torque | Torque type | Cover screw | | |
| | Usage information | Tightening torque | min. | 0.4 Nm |
| | | | max. | 0.5 Nm |

Material data

| | | | |
|---------------------------------------|-------------|---------------------------------------|--------|
| Insulating material | PA 66 GF 30 | Colour | black |
| Colour chart (similar) | RAL 9011 | UL 94 flammability rating | V-0 |
| Contact material | Cu-alloy | Storage temperature, min. | -40 °C |
| Storage temperature, max. | 70 °C | Operating temperature, min. | -50 °C |
| Operating temperature, max. | 100 °C | Temperature range, installation, min. | -25 °C |
| Temperature range, installation, max. | 100 °C | | |

Rated data acc. to IEC

| | |
|-------------------------|------------------------|
| tested acc. to standard | IEC 60664-1, IEC 61984 |
|-------------------------|------------------------|

Packing

| | | | |
|-----------|--------|------------|--------|
| Packaging | Box | VPE length | 144 mm |
| VPE width | 125 mm | VPE height | 41 mm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002943 | ETIM 7.0 | EC002943 |
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ECLASS 9.0 | 27-44-04-92 | ECLASS 9.1 | 27-44-04-92 |
| ECLASS 10.0 | 27-44-04-92 | ECLASS 11.0 | 27-46-04-05 |
| ECLASS 12.0 | 27-46-04-05 | ECLASS 13.0 | 27-46-04-05 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | / |
|------------|---|

Important note

| | |
|----------------|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | <ul style="list-style-type: none">Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Creation date July 7, 2024 8:44:32 PM CEST

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Technical data

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Declaration of the Manufacturer |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL DRIVES EN MB DEVICE MANUF. EN FL DRIVES DE FL BUILDING SAFETY EN FL APPL LED LIGHTING EN FL INDUSTR.CONTROLS EN FL MACHINE SAFETY EN FL HEATING ELECTR EN FL APPL INVERTER EN FL_BASE_STATION_EN FL ELEVATOR EN FL POWER SUPPLY EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN |

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Drawings

Example of use



Dimensional drawing

