

BLZP AH 10 BK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



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. | 2507120000 |
| Type | BLZP AH 10 BK |
| GTIN (EAN) | 4050118524284 |
| Qty. | 10 items |
| Product data | |
| Packaging | Box |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Height | 48 mm | Height (inches) | 1.8898 inch |
| Width | 19 mm | Width (inches) | 0.748 inch |
| Length | 50 mm | Length (inches) | 1.9685 inch |
| Net weight | 18.6 g | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

System specifications

| | | | |
|---------------------|-------------------------------------|-------------------|----------------------------|
| Product family | OMNIMATE Signal - series BL/SL 5.08 | | |
| Pitch in mm (P) | 5.08 mm | | |
| Pitch in inches (P) | 0.200 " | | |
| Number of poles | 10 | | |
| L1 in inches | 0.197 " | | |
| 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 | PBT | Colour | black |
| Colour chart (similar) | RAL 9011 | Moisture Level (MSL) | |
| UL 94 flammability rating | V-0 | 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 | 159.00 mm |
| VPE width | 107.00 mm | VPE height | 55.00 mm |

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 |

Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ETIM 10.0 | EC002943 | ECLASS 14.0 | 27-46-04-05 |
| ECLASS 15.0 | 27-46-04-05 | | |

Drawings

Product image



Dimensional drawing



Example of use

