

BL 3.50 AH13 BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Example of use**

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: 13 |
| Order No. | 1745680000 |
| Type | BL 3.50 AH13 BK BX |
| GTIN (EAN) | 4008190985240 |
| Qty. | 10 pc(s). |
| Product data | |
| Packaging | Box |

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 8.5 g |
|------------|-------|

System specifications

| | | | | |
|---------------------|-------------------------------------|-------------------|------|--------|
| Product family | OMNIMATE Signal - series BL/SL 3.50 | | | |
| Pitch in mm (P) | 3.5 mm | | | |
| Pitch in inches (P) | 0.138 " | | | |
| Number of poles | 13 | | | |
| L1 in inches | 0.138 " | | | |
| 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 | 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 | 150 mm |
| VPE width | 100 mm | VPE height | 20 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 |
| ECLASS 14.0 | 27-46-04-05 | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

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 |

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www.weidmueller.com**Technical data****Approvals**

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

DownloadsApproval/Certificate/Document of Con-
formity[Declaration of the Manufacturer](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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www.weidmueller.com**Accessories****Blank**

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DEK 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1,000 pc(s). | |

Custom printing

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | DEK 5/5 MC SDR | Version |
| Order No. | 1609810000 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190456597 | Weidmueller, To customer specification |
| Qty. | 200 pc(s). | |