

**BL 3.50 AH04 BK BX**

Weidmüller Interfaces GmbH &amp; Co. KG

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**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: 4
Order No.	<a href="#">1745590000</a>
Type	BL 3.50 AH04 BK BX
GTIN (EAN)	4008190985158
Qty.	10 pc(s).
Product data	
Packaging	Box

## BL 3.50 AH04 BK BX

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## Technical data

### Dimensions and weights

Net weight 2.5 g

### Temperatures

Operating temperature, min. -50 °C Operating temperature, max. 100 °C

### System specifications

Product family OMNIMATE Signal - series BL/SL 3.50

Pitch in mm (P) 3.5 mm

Pitch in inches (P) 0.138 inch

Number of poles 4

L1 in inches 0.138 inch

Pin series quantity 1

Tightening torque	Torque type	Cover screw	
	Usage information	Tightening torque	min.
		max.	0.5 Nm

### Material data

Insulating material	PBT	Colour	black
Colour chart (similar)	RAL 9011	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	104 mm
VPE width	72 mm	VPE height	19 mm

### Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
ETIM 8.0	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

### 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 • Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Downloads**

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Engineering Data

[CAD data – STEP](#)

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