

## B2L 3.50 AH30 BK BX

Weidmüller Interfaces GmbH & 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: 30
Order No.	<a href="#">1781680000</a>
Type	B2L 3.50 AH30 BK BX
GTIN (EAN)	4032248172733
Qty.	10 pc(s).
Product data	
Packaging	Box

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## Technical data

### Dimensions and weights

Net weight	9.2 g	www.weidmueller.com
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### Temperatures

Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
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### System specifications

Product family	OMNIMATE Signal - series B2L/S2L 3.50 - 2-row	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	Number of poles	30
L1 in inches	0.138 inch	Pin series quantity	2

### Material data

Insulating material	PBT GF	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
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### Packing

Packaging	Box	VPE length	210 mm
VPE width	160 mm	VPE height	23 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.
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Notes	<ul style="list-style-type: none"> <li>Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months</li> </ul>
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### Approvals

Approvals



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