

## OMNIMATE Signal - series BL/SL 3.50 BL 3.50 AH12 BK BX

**Weidmüller Interface 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

Type	BL 3.50 AH12 BK BX
Order No.	<a href="#">1745670000</a>
Version	PCB plug-in connector, Accessories, Hood, black, Number of poles: 12
GTIN (EAN)	4008190985233
Qty.	10 pc(s).
Product data	
Packaging	Box

## Data sheet

### OMNIMATE Signal - series BL/SL 3.50 BL 3.50 AH12 BK BX

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## Technical data

### Dimensions and weights

Net weight 7.8 g

### Material data

Insulating material	PBT	Colour	black
Colour chart (similar)	RAL 9011	GWFI	960 °C
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	30 mm
VPE width	140 mm	VPE height	160 mm

### Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
eClass 9.0	27-44-04-92	eClass 9.1	27-44-04-92
eClass 10.0	27-44-04-92	UNSPSC	30-21-18-01

### Notes

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

### Approvals

Approvals



ROHS Conform

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of the Manufacturer</a>
Brochure/Catalogue	<a href="#">FL DRIVES EN</a> <a href="#">MB DEVICE MANUF. EN</a> <a href="#">FL DRIVES DE</a> <a href="#">CAT 2 PORTFOLIOGUIDE EN</a> <a href="#">FL BUILDING SAFETY EN</a> <a href="#">FL APPL LED LIGHTING EN</a> <a href="#">FL INDUSTR.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>
Engineering Data	<a href="#">STEP</a>