

## BCZ 3.81 AH10 BK BX

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.	<a href="#">1005350000</a>
Type	BCZ 3.81 AH10 BK BX
GTIN (EAN)	4032248752577
Qty.	10 items
Product data	
Packaging	Box

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## Technical data

## Approvals

ROHS Conform

## Dimensions and weights

Net weight 7.4 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 BC/SC 3.81

Pitch in mm (P) 3.81 mm

Pitch in inches (P) 0.150 "

Number of poles 10

L1 in inches 0.150 "

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 PA 66 GF 30

Colour chart (similar) RAL 9011

UL 94 flammability rating V-0

Storage temperature, min. -40 °C

Operating temperature, min. -50 °C

Temperature range, installation, min. -25 °C

Colour black

Moisture Level (MSL)

Contact material Cu-alloy

Storage temperature, max. 70 °C

Operating temperature, max. 100 °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 144.00 mm

VPE width 125.00 mm VPE height 41.00 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

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

## 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		

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**Drawings**

**Product image**



**Example of use**



**Dimensional drawing**

