

BCZ 3.81 AH16 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: 16
Order No.	1005410000
Type	BCZ 3.81 AH16 BK BX
GTIN (EAN)	4032248752638
Qty.	10 items
Product data	
Packaging	Box
Delivery status	This article will no longer be available in the future.
Last order date	2026-10-31T00:00:00+01:00

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Net weight 10.5 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 16

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 197.00 mm

VPE width 123.00 mm VPE height 39.00 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

