

**BLZP AH 7 BK**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**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: 7
Order No.	<a href="#">2507090000</a>
Type	BLZP AH 7 BK
GTIN (EAN)	4050118524253
Qty.	10 items
Product data	
Packaging	Box

## BLZP AH 7 BK

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## Technical data

## Approvals

RoHS	Conform
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## Dimensions and weights

Height	44 mm	Height (inches)	1.7323 inch
Width	19 mm	Width (inches)	0.748 inch
Length	35 mm	Length (inches)	1.378 inch
Net weight	14.2 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 BL/SL 5.08		
Pitch in mm (P)	5.08 mm		
Pitch in inches (P)	0.200 "		
Number of poles	7		
L1 in inches	0.197 "		
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	PBT	Colour	black
Colour chart (similar)	RAL 9011	Moisture Level (MSL)	
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	161.00 mm
VPE width	108.00 mm	VPE height	55.00 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	<ul style="list-style-type: none"> <li>Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li> </ul>

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**Technical data****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

