

HDC 10B ABU BP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Plastic enclosures are particularly suitable for applications where the resistance of metals is not sufficient. In addition, the enclosures shown here are lighter and slightly cheaper than standard aluminum enclosures. It can therefore make sense to use plastic enclosures in applications where the materials do not need to be as robust. The tightness is still IP65.

General ordering data

Version	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard
Order No.	3107160000
Type	HDC 10B ABU BP
GTIN (EAN)	4099987172042
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	43 mm	Depth (inches)	1.693 inch
Height	30.6 mm	Height (inches)	1.205 inch
Width	93 mm	Width (inches)	3.661 inch
Length	93 mm	Length (inches)	3.661 inch
Net weight	84.3 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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General data

EMC housings	No	Housing main material	Polyamide
Material of locking element	Polyamide	Protection degree	IP65 (in plugged condition)
UL 94 flammability rating	V-0		

Version

BG	4	Clamp version	Side-locking clamp
Colour (RAL)	RAL 9005	Design	Standard
Design of housing		Design of locking system	Side-locking clamp on lower side, Side-locking clamp not replaceable
	Bulkhead housing		
Internal thread	M 32	Sealing	NBR
Size	4	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant
Substance	Hydraulic oil
Chemical resistance	Resistant

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Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

Approvals

ROHS Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings

