

HDC 32A ABU

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Version	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	1665860000
Type	HDC 32A ABU
GTIN (EAN)	4008190871253
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	30 mm	Height (inches)	1.181 inch
Width	60.5 mm	Width (inches)	2.382 inch
Mounting dimension - height	42 mm	Mounting dimension - width	92 mm
Net weight	175 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3	
Chemical resistance	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
	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	

Dimensions

Height of base B1	7 mm	Height of housing B	30 mm
Hole pitch length A2	92 mm	Total length housing	82 mm
Width base C1	60.5 mm	Width housing C	56 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating	Tightening torque	1.2 Nm

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Version

BG	7	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	7
Suitable for ModuPlug®	No	Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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		

Important note

Product information When mounting the housings, make sure that the flat gasket is correctly seated.

Approvals

Approvals



ROHS	Conform
UL File Number Search	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – 1665860000_HDC_32A_ABU_STP.dxf CAD data – STEP
Engineering Data	EPLAN, WSCAD
Technical Documentation	1665860000_HDC_32A_ABU_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 32A TOBU 1PG21G	Version
Order No.	1665790000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190422813	
Qty.	1 pc(s).	
Type	HDC 32A TOBU 1PG29G	Version
Order No.	1665810000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190422837	
Qty.	1 pc(s).	
Type	HDC 32A TOBU 1M32G	Version
Order No.	1787990000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205431	
Qty.	1 pc(s).	

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General ordering data

Type	HDC 32A TSBU 1M25G	Version
Order No.	1787960000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205400	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1PG21G	Version
Order No.	1665670000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190422691	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1PG29G	Version
Order No.	1665690000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190422714	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1M32G	Version
Order No.	1787950000	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205394	
Qty.	1 pc(s).	

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