

HDC 48A ALU**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: 9, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
Order No.	1666740000
Type	HDC 48A ALU
GTIN (EAN)	4008190423858
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	38 mm	Height (inches)	1.496 inch
Width	120 mm	Width (inches)	4.724 inch
Mounting dimension - height	65 mm	Mounting dimension - width	110 mm
Net weight	256 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	40 mm
Hole pitch length A2	110 mm	Total length housing	94 mm
Width base C1	89 mm	Width housing C	82.5 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	2 Nm

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Technical data

Version

BG	9	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	without cover
Design	Standard	Design of housing	Bulkhead housing
Design of locking system	End-locking clamp, lower side	Sealing	NBR
Size	9	Suitable for ModuPlug®	No
Tightening torque	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

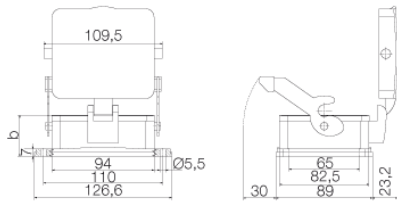
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Technical Documentation	1666740000 HDC_48A_ALU_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 48A TOLU 1PG29G	Version
Order No.	1666730000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190423841	
Qty.	1 pc(s).	
Type	HDC 48A TOLU 1M32G	Version
Order No.	1788560000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248206094	
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 48A TSLU 1PG29G	Version
Order No.	1666710000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190448127	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	HDC 48A TSLU 1M32G	Version
Order No.	1788550000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206087	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[1666740000](#)