

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: 5, Protection degree: IP65 (in plugged condition), Bulkhead housing, Endlocking clamp, lower side, Standard, with cover
Order No.	<u>1664940000</u>
Туре	HDC 16A ADLU
GTIN (EAN)	4008190421649
Qty.	1 pc(s).



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Technical data

Dimensions and weights

Depth	98 mm	Depth (inches)	3.858 inch
Height	44.5 mm	Height (inches)	1.752 inch
Width	75.9 mm	Width (inches)	2.988 inch
Mounting dimension - height	17.5 mm	Mounting dimension - width	86 mm
Net weight	156 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluo	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	5.3 mm	Height of housing B	26.25 mm
Hole pitch length A2	86 mm	Total length housing	79 mm
Width base C1	33 mm	Width housing C	29.5 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged	Surface finish	seculed cover. II 03
	condition)		Powder coating
Tightening torque	0.5 Nm		

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Technical data

Version

BG	5	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing		Design of locking system	End-locking clamp, lower
	Bulkhead housing		side
Sealing	NBR	Size	5
Suitable for ModuPlug [®]	No	Tightening torque	0.5 Nm
Top part/bottom part/lid	lower part	 Туре	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	<u>1664940000_HDC_16A_ADLU_STP_Blatt1.pdf</u>		
Catalogues	Catalogues in PDF-format		
Brochures	FL FIELDWIRING EN		
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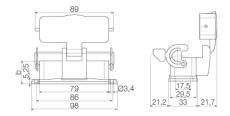


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Drawings



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