

## HDC enclosures HDC 16A ALU

**Weidmüller Interface GmbH & Co. KG**  
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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

Type	HDC 16A ALU
Order No.	<a href="#">1664920000</a>
Version	HDC enclosures, Size: 5, Protection degree: IP65, Open base, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421625
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Width	54.2 mm	Width (inches)	2.134 inch
Height	25 mm	Height (inches)	0.984 inch
Depth	98 mm	Depth (inches)	3.858 inch
Mounting dimension - width	86 mm	Mounting dimension - height	17.5 mm
Net weight	97 g		

**Temperatures**

Limit temperature -40 °C ... 125 °C

**Environmental Product Compliance**

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

**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 degree	IP65
Surface finish	Powder coating	Tightening torque	0.5 Nm

**Version**

Clamp version	End-locking clamp	Cover	without cover
Design	Standard	Design of housing	Open base
Design of locking system	End-locking clamp, lower side	Sealing	NBR
Size	5	Suitable for ModuPlug®	No
Tightening torque	0.5 Nm	Top part/bottom part/lid	lower part
Type	Bulkhead (feed-through)		

**Classifications**

ETIM 6.0	EC000437	ETIM 7.0	EC000437
eClass 9.0	27-44-02-02	eClass 9.1	27-44-02-02
eClass 10.0	27-44-02-02	UNSPSC	30-21-18-01

**Approvals**

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**Data sheet****HDC enclosures  
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**Technical data****Downloads**

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
Technical Documentation	<a href="#">1664920000_HDC_16A_ALU_STP_Blatt_1.pdf</a>

**Data sheet**

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**Drawings**

