

**HDC 16B ALU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
Order No.	<a href="#">1209700000</a>
Type	HDC 16B ALU
GTIN (EAN)	4008190000134
Qty.	1 pc(s).

## HDC 16B ALU

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## Technical data

## Dimensions and weights

Height	29 mm	Height (inches)	1.142 inch
Width	74 mm	Width (inches)	2.913 inch
Mounting dimension - height	32 mm	Mounting dimension - width	103 mm
Net weight	151 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Dimensions

Height of base B1	5 mm	Height of housing B	30 mm
Hole pitch length A2	103 mm	Total length housing	93.3 mm
Width base C1	47 mm	Width housing C	43 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		

## Version

BG	6	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	6	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
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		

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

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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

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@26e2eda6 de.myview.objectmodel.impl.BlockImpl@51cdc96 de.myview.objectmodel.impl.BlockImpl@23c5fe1a de.myview.objectmodel.impl.BlockImpl@1a65fc62 de.myview.objectmodel.impl.BlockImpl@2bdbbd55 de.myview.objectmodel.impl.BlockImpl@48c03cd4 de.myview.objectmodel.impl.BlockImpl@44792ef8 de.myview.objectmodel.impl.BlockImpl@714a5cf9 de.myview.objectmodel.impl.BlockImpl@70d7690 de.myview.objectmodel.impl.BlockImpl@4e62cc39 de.myview.objectmodel.impl.BlockImpl@436125e3 de.myview.objectmodel.impl.BlockImpl@60ef14e2 de.myview.objectmodel.impl.BlockImpl@c3a5799
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

## Important note

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

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)  
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1209700000 HDC 16B ALU STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

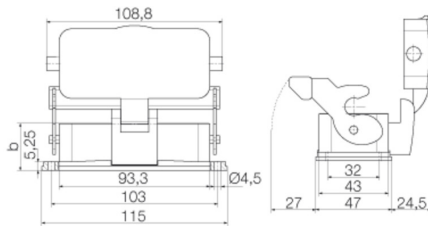
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## Drawings



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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 16B TOLU 1M32G	Version
Order No.	<a href="#">1804630000</a>	HDC enclosures, Size: 6, 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)	4032248267552	
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1M40G	Version
Order No.	<a href="#">1139680000</a>	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40
GTIN (EAN)	4032248959792	
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1PG29G	Version
Order No.	<a href="#">1658020000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190411077	
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1PG21G	Version
Order No.	<a href="#">1657960000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190411015	
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1M32G	Version
Order No.	<a href="#">1787100000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204441	
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1M25G	Version
Order No.	<a href="#">1788230000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205769	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 16B TSLU 1M32G	Version
Order No.	<a href="#">1804640000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267569	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M32G	Version
Order No.	<a href="#">1787040000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204281	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG21G	Version
Order No.	<a href="#">1657890000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410933	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1PG21G	Version
Order No.	<a href="#">1657850000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410902	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1M25G	Version
Order No.	<a href="#">1788200000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205738	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M40G	Version
Order No.	<a href="#">1804650000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267576	lower side, high, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG29G	Version
Order No.	<a href="#">1657910000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410964	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M25G	Version
Order No.	<a href="#">1787050000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204298	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	