

## HDC 16B SLU 2M25G

**Weidmüller Interfaces 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

Version	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
Order No.	<a href="#">1788250000</a>
Type	HDC 16B SLU 2M25G
GTIN (EAN)	4032248205783
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	64 mm	Height (inches)	2.52 inch
Width	79.5 mm	Width (inches)	3.13 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	358 g		

### Temperatures

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

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	64 mm	Hole pitch length A2	105 mm
Total length housing	93.3 mm	Width base C1	56.5 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	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 25
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	6
Size of cable entries	M 25	Suitable for ModuPlug®	No
Top part/bottom part/lid	lower part	Type	Base housing

### 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	ECLASS 12.0	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

Creation date March 2, 2023 3:18:21 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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**Technical data**

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

**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@6432822 de.myview.objectmodel.impl.BlockImpl@956a1d5 de.myview.objectmodel.impl.BlockImpl@23cb6ccf de.myview.objectmodel.impl.BlockImpl@2ced4c28 de.myview.objectmodel.impl.BlockImpl@337073af de.myview.objectmodel.impl.BlockImpl@f94341d de.myview.objectmodel.impl.BlockImpl@77c18c34 de.myview.objectmodel.impl.BlockImpl@310b12e8 de.myview.objectmodel.impl.BlockImpl@1d6e26d de.myview.objectmodel.impl.BlockImpl@2f4c1a96 de.myview.objectmodel.impl.BlockImpl@54179367 de.myview.objectmodel.impl.BlockImpl@3d62475f de.myview.objectmodel.impl.BlockImpl@b910f14

**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 Conformity	<a href="#">Manufacturer's declaration</a>	<a href="http://www.weidmueller.com">www.weidmueller.com</a>
Engineering Data	<a href="#">CAD data – STEP</a>	
Engineering Data	<a href="#">WSCAD</a>	
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>	
Technical Documentation	<a href="#">1788250000_HDC_16B_SLU_2M25G_STP_Blatt__1.pdf</a>	
Catalogues	<a href="#">Catalogues in PDF-format</a>	
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>	

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**Drawings**