

## HDC 16B SDLU 1M25G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25
Order No.	<a href="#">1415810000</a>
Type	HDC 16B SDLU 1M25G
GTIN (EAN)	4050118217230
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	82 mm	Height (inches)	3.228 inch
Width	99.5 mm	Width (inches)	3.917 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	445 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	82 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 class note	Protection class with secured cover: IP 65
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
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 25
Number of cable entry sideways	1	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

Creation date March 8, 2023 10:46:17 AM CET

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**Technical data**

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

**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@553e801a de.myview.objectmodel.impl.BlockImpl@19922808 de.myview.objectmodel.impl.BlockImpl@6fd96ad9 de.myview.objectmodel.impl.BlockImpl@67e09adf de.myview.objectmodel.impl.BlockImpl@467fe869 de.myview.objectmodel.impl.BlockImpl@4ea55ac6 de.myview.objectmodel.impl.BlockImpl@6a0e7e69 de.myview.objectmodel.impl.BlockImpl@9db2795 de.myview.objectmodel.impl.BlockImpl@305eaa67 de.myview.objectmodel.impl.BlockImpl@5449b5c0 de.myview.objectmodel.impl.BlockImpl@4dad7416 de.myview.objectmodel.impl.BlockImpl@1d1a15b9 de.myview.objectmodel.impl.BlockImpl@58d289ef

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Data sheet**

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**Drawings**

