

## HDC 06B SDLU 2PG16G

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: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 16
Order No.	<a href="#">1652990000</a>
Type	HDC 06B SDLU 2PG16G
GTIN (EAN)	4008190403065
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Width	92.5 mm	Width (inches)	3.642 inch
Mounting dimension - height	40 mm	Mounting dimension - width	70 mm
Net weight	285 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	54 mm	Hole pitch length A2	70 mm
Total length housing	60 mm	Width base C1	54.5 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
Tightening torque	1.2 Nm		

## Version

BG	3	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	PG 16
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	3
Size of cable entries	PG 16	Suitable for ModuPlug®	No
Tightening torque	1.2 Nm	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

Creation date February 28, 2023 2:05:06 PM CET

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

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**Technical data**

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

**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@1d2b6d33 de.myview.objectmodel.impl.BlockImpl@204eb2df  
de.myview.objectmodel.impl.BlockImpl@5997ecd4 de.myview.objectmodel.impl.BlockImpl@6483f9b4  
de.myview.objectmodel.impl.BlockImpl@228742e2 de.myview.objectmodel.impl.BlockImpl@770ad427  
de.myview.objectmodel.impl.BlockImpl@111d675e de.myview.objectmodel.impl.BlockImpl@6a286290  
de.myview.objectmodel.impl.BlockImpl@72a0bd65 de.myview.objectmodel.impl.BlockImpl@532ae4fa  
de.myview.objectmodel.impl.BlockImpl@29774e56 de.myview.objectmodel.impl.BlockImpl@e2850a  
de.myview.objectmodel.impl.BlockImpl@775e5be6

**Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

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Product Change Notification

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

Technical Documentation

[1652990000\\_HDC\\_06B\\_SDLU\\_2PG16G\\_STP\\_Blatt\\_\\_1.pdf](#)

Catalogues

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Brochures

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