

**HDC 06B SLU 1PG16G****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: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: PG 16
Order No.	<a href="#">1652750000</a>
Type	HDC 06B SLU 1PG16G
GTIN (EAN)	4008190402822
Qty.	1 pc(s).

## HDC 06B SLU 1PG16G

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## Technical data

## Dimensions and weights

Height	54 mm	Height (inches)	2.126 inch
Width	71.7 mm	Width (inches)	2.823 inch
Mounting dimension - height	40 mm	Mounting dimension - width	70 mm
Net weight	222 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 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
Design	Standard	Design of cover	without 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	1	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	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

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 July 7, 2024 8:34:34 PM CEST

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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-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@18d618f2 de.myview.objectmodel.impl.BlockImpl@13f3fb3e de.myview.objectmodel.impl.BlockImpl@5b95d8d1 de.myview.objectmodel.impl.BlockImpl@70d69bf0 de.myview.objectmodel.impl.BlockImpl@586f0c90 de.myview.objectmodel.impl.BlockImpl@544936a8 de.myview.objectmodel.impl.BlockImpl@216f2fa0 de.myview.objectmodel.impl.BlockImpl@65a22966 de.myview.objectmodel.impl.BlockImpl@4509a2ce de.myview.objectmodel.impl.BlockImpl@586830b1 de.myview.objectmodel.impl.BlockImpl@a20633 de.myview.objectmodel.impl.BlockImpl@743fe658 de.myview.objectmodel.impl.BlockImpl@7ca835c3

## Approvals

Approvals



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

[1652750000 HDC\\_06B\\_SLU\\_1PG16G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

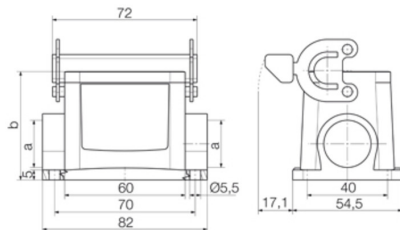
[FL FIELDWIRING EN](#)

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## Drawings



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

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**General ordering data**

Type	HDC 06B DODL 2BO	Version
Order No.	<a href="#">1665200000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190421908	condition), Cover for lower part of housing, End-locking clamp, lower
Qty.	1 pc(s).	side, Standard