

**HDC 16D SDLU 2M25G****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, high, with cover, Size of cable entries: M 25
Order No.	<a href="#">1787540000</a>
Type	HDC 16D SDLU 2M25G
GTIN (EAN)	4032248204885
Qty.	1 pc(s).

## HDC 16D SDLU 2M25G

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## Technical data

## Dimensions and weights

Height	92 mm	Height (inches)	3.622 inch
Width	92.5 mm	Width (inches)	3.642 inch
Mounting dimension - height	45 mm	Mounting dimension - width	70 mm
Net weight	367 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	74 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	high
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 on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	3
Size of cable entries	M 25	Suitable for ModuPlug®	Yes
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
ECLASS 14.0	27-44-02-02		

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel

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**Technical data**

Chemical resistance	Resistant
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@1a2a6f69 de.myview.objectmodel.impl.BlockImpl@403b8194 de.myview.objectmodel.impl.BlockImpl@4567de4a de.myview.objectmodel.impl.BlockImpl@1dabfad7 de.myview.objectmodel.impl.BlockImpl@54339f2c de.myview.objectmodel.impl.BlockImpl@4818831f de.myview.objectmodel.impl.BlockImpl@337691d8 de.myview.objectmodel.impl.BlockImpl@71c9b823 de.myview.objectmodel.impl.BlockImpl@39cb83c9 de.myview.objectmodel.impl.BlockImpl@3547ef94 de.myview.objectmodel.impl.BlockImpl@32b840b5 de.myview.objectmodel.impl.BlockImpl@e8cee61 de.myview.objectmodel.impl.BlockImpl@6bbcf1b2
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

**Approvals**

Approvals



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

Creation date August 28, 2024 12:48:49 PM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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

[1787540000 HDC\\_16D\\_SDLU\\_2M25G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

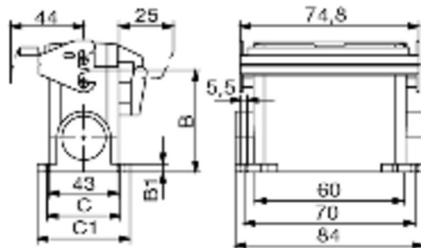
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## Drawings



## HDC 16D SDLU 2M25G

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 16D TOLU 1M32G	Version
Order No.	<a href="#">1787490000</a>	HDC enclosures, Size: 3, 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)	4032248204830	
Qty.	1 pc(s).	
Type	HDC 16D TOLU 1PG29G	Version
Order No.	<a href="#">1652700000</a>	HDC enclosures, Size: 3, 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)	4008190402778	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1PG16G	Version
Order No.	<a href="#">1652640000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190402716	
Qty.	1 pc(s).	
Type	HDC 16D TOLU 1PG21G	Version
Order No.	<a href="#">1652680000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190402754	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1PG13G	Version
Order No.	<a href="#">1670500000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 13.5
GTIN (EAN)	4008190431587	
Qty.	1 pc(s).	
Type	HDC 16D TOLU 1M25G	Version
Order No.	<a href="#">1787500000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204847	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1M20G	Version
Order No.	<a href="#">1788120000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248205561	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1M25G	Version
Order No.	<a href="#">1788110000</a>	HDC enclosures, Size: 3, 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)	4032248205554	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 06B TSLU 1PG16G	Version
Order No.	<a href="#">1652520000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190402594	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1M25G	Version
Order No.	<a href="#">1788090000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205530	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1PG13G	Version
Order No.	<a href="#">1670530000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190431617	lower side, Standard, Size of cable entries: PG 13.5
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1PG29G	Version
Order No.	<a href="#">1652580000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190402655	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1PG21G	Version
Order No.	<a href="#">1652560000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190402631	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1M32G	Version
Order No.	<a href="#">1787470000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204816	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1M25G	Version
Order No.	<a href="#">1787480000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204823	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1M20G	Version
Order No.	<a href="#">1788100000</a>	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205547	lower side, Standard, Size of cable entries: M 20
Qty.	1 pc(s).	