

**HDC 40D SDLU 2M25G****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, high, with cover, Size of cable entries: M 25
Order No.	<a href="#">1787180000</a>
Type	HDC 40D SDLU 2M25G
GTIN (EAN)	4032248204526
Qty.	1 pc(s).

## HDC 40D SDLU 2M25G

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## Technical data

## Dimensions and weights

Height	102 mm	Height (inches)	4.016 inch
Width	99.5 mm	Width (inches)	3.917 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	545 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	102 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	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	6
Size of cable entries	M 25	Suitable for ModuPlug®	Yes
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

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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@54a3a95c de.myview.objectmodel.impl.BlockImpl@3fa3eb71 de.myview.objectmodel.impl.BlockImpl@670900dd de.myview.objectmodel.impl.BlockImpl@17e52f2 de.myview.objectmodel.impl.BlockImpl@48dee2c8 de.myview.objectmodel.impl.BlockImpl@688660c1 de.myview.objectmodel.impl.BlockImpl@47a68ae4 de.myview.objectmodel.impl.BlockImpl@343ca920 de.myview.objectmodel.impl.BlockImpl@bcb5cd de.myview.objectmodel.impl.BlockImpl@50102c1d de.myview.objectmodel.impl.BlockImpl@23927d51 de.myview.objectmodel.impl.BlockImpl@7236a5aa de.myview.objectmodel.impl.BlockImpl@2786f38c

**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

[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

[1787180000 HDC\\_40D SDLU\\_2M25G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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## HDC 40D SDLU 2M25G

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 16B TOLU 1M25G	Version
Order No.	<a href="#">1788230000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205769	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1PG29G	Version
Order No.	<a href="#">1658020000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190411077	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1M40G	Version
Order No.	<a href="#">1139680000</a>	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248959792	lower side, high, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1M32G	Version
Order No.	<a href="#">1804630000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267552	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1M32G	Version
Order No.	<a href="#">1787100000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204441	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1PG21G	Version
Order No.	<a href="#">1657960000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190411015	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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Type	HDC 16B TSLU 1M25G	Version
Order No.	<a href="#">1788200000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205738	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M25G	Version
Order No.	<a href="#">1787050000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204298	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG29G	Version
Order No.	<a href="#">1657910000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410964	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M32G	Version
Order No.	<a href="#">1787040000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204281	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M40G	Version
Order No.	<a href="#">1804650000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267576	lower side, high, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1PG21G	Version
Order No.	<a href="#">1657850000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410902	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG21G	Version
Order No.	<a href="#">1657890000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410933	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1M32G	Version
Order No.	<a href="#">1804640000</a>	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267569	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	