

**HDC 16A 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: 5, 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="#">1788780000</a>
Type	HDC 16A SDLU 2M25G
GTIN (EAN)	4032248206322
Qty.	1 pc(s).

## HDC 16A SDLU 2M25G

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	96 mm	Depth (inches)	3.78 inch
Height	76.5 mm	Height (inches)	3.012 inch
Width	75.9 mm	Width (inches)	2.988 inch
Mounting dimension - height	40 mm	Mounting dimension - width	64 mm
Net weight	267.5 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
-------------------	-------------------

## Dimensions

Cable entry	w. thread	Height of base B1	4 mm
Height of housing B	57 mm	Hole pitch length A2	64 mm
Total length housing	79 mm	Width base C1	50 mm
Width housing C	29.5 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	0.5 Nm		

## Version

BG	5	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 on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	5
Size of cable entries	M 25	Suitable for ModuPlug®	No
Tightening torque	0.5 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

**HDC 16A SDLU 2M25G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data**

Substance	Diesel
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@64cb5a25 de.myview.objectmodel.impl.BlockImpl@3ce72f10 de.myview.objectmodel.impl.BlockImpl@3be10fe8 de.myview.objectmodel.impl.BlockImpl@5bf9ec6f de.myview.objectmodel.impl.BlockImpl@65dd8f47 de.myview.objectmodel.impl.BlockImpl@60c7b343 de.myview.objectmodel.impl.BlockImpl@53ea7efc de.myview.objectmodel.impl.BlockImpl@47e47a7a de.myview.objectmodel.impl.BlockImpl@4eca7276 de.myview.objectmodel.impl.BlockImpl@134a8d47 de.myview.objectmodel.impl.BlockImpl@13571c4c de.myview.objectmodel.impl.BlockImpl@778493f6 de.myview.objectmodel.impl.BlockImpl@6ac006b2
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 October 4, 2024 5:45:18 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

## HDC 16A SDLU 2M25G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1788780000 HDC 16A SDLU 2M25G STP Blatt 1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

## HDC 16A SDLU 2M25G

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

## Drawings

