

## HDC 10A SDLU 1PG16G

**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: 2, 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="#">1664410000</a>
Type	HDC 10A SDLU 1PG16G
GTIN (EAN)	4008190421106
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	69.5 mm	Height (inches)	2.736 inch
Width	75.9 mm	Width (inches)	2.988 inch
Mounting dimension - height	40 mm	Mounting dimension - width	48 mm
Net weight	253 g		

### Temperatures

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

Cable entry	w. thread	Height of base B1	4 mm
Height of housing B	69.5 mm	Hole pitch length A2	48 mm
Total length housing	63 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	2	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	1
Sealing	NBR	Size	2
Size of cable entries	PG 16	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	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 March 2, 2023 10:26:29 AM CET

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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@769623c6 de.myview.objectmodel.impl.BlockImpl@abddb69 de.myview.objectmodel.impl.BlockImpl@303db8 de.myview.objectmodel.impl.BlockImpl@20f73dab de.myview.objectmodel.impl.BlockImpl@67b8a260 de.myview.objectmodel.impl.BlockImpl@3ba4b6d de.myview.objectmodel.impl.BlockImpl@2667b5f de.myview.objectmodel.impl.BlockImpl@1be514dd de.myview.objectmodel.impl.BlockImpl@396c1e63 de.myview.objectmodel.impl.BlockImpl@68dcd00 de.myview.objectmodel.impl.BlockImpl@59d1e9c7 de.myview.objectmodel.impl.BlockImpl@6aa14ddc de.myview.objectmodel.impl.BlockImpl@3367c9ed

**Approvals**

Approvals



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

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

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Conformity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD](#)

Product Change Notification

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

Technical Documentation

[1664410000\\_HDC\\_10A\\_SDLU\\_1PG16G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

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**Drawings**

