Weidmüller ƎⰍ

HDC 10A SDLU 2PG16G

IP65

RoHS COMPLIANT

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.	1664420000
Type	HDC 10A SDLU 2PG16G
GTIN (EAN)	4008190421113
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	70 mm		Height (inches)	2.756 inch
Width	76 mm		Width (inches)	2.992 inch
Mounting dimension - height	40 mm		Mounting dimension - width	48 mm
Net weight	254 g			

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Cable entry	w. thread		Height of base B1	4 mm
Height of housing B	70 mm		Hole pitch length A2	48 mm
Total length housing	63 mm		Width base C1	50 mm
Width housing C	30 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	2
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		ETIM 9.0	EC000437
ETIM 10.0	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
ECLASS 15.0	27-44-02-02			

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

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@663afb13 de.myview.objectmodel.impl.BlockImpl@283628de de.myview.objectmodel.impl.BlockImpl@b8c9612 de.myview.objectmodel.impl.BlockImpl@3c21c4d4 de.myview.objectmodel.impl.BlockImpl@d724220 de.myview.objectmodel.impl.BlockImpl@141bfb88 de.myview.objectmodel.impl.BlockImpl@7b48d31f de.myview.objectmodel.impl.BlockImpl@497dafc6 de.myview.objectmodel.impl.BlockImpl@5601978b de.myview.objectmodel.impl.BlockImpl@1d8df178 de.myview.objectmodel.impl.BlockImpl@20e019fd de.myview.objectmodel.impl.BlockImpl@4c781b8 de.myview.objectmodel.impl.BlockImpl@5ea0f364

Approvals

Approvals	C E c$\mathcal{R}$ US
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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	1664420000_HDC_10A_SDLU_2PG16G_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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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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