

HDC 16A SDLU 1M25G

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

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, Installation 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.	1902290000
Type	HDC 16A SDLU 1M25G
GTIN (EAN)	4032248591923
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Depth	96 mm	Depth (inches)	3.7795 inch
Height	76.5 mm	Height (inches)	3.0118 inch
Width	75.9 mm	Width (inches)	2.9882 inch
Mounting dimension - height	40 mm	Mounting dimension - width	64 mm
Net weight	252.56 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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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	Substance	Acetone
	Chemical resistance	Conditionally resistant
	Substance	Drilling oil
	Chemical resistance	Resistant
	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

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Dimensions

Hole pitch length A2	64 mm
Width housing C	29.5 mm
Total length housing	79 mm
Height of base B1	4 mm

Cable entry	w. thread
Width base C1	50 mm
Height of housing B	57 mm

General data

Tightening torque	0.5 Nm
Surface finish	Powder coating
Protection class note	Protection class with secured cover: IP 65
Material of locking element	Stainless steel, rust-proof

Housing main material	diecast aluminium
Protection degree	IP65, in plugged condition
EMC housings	No

Version

Size of cable entries	M 25
Cover	with cover
Number of cable entry on top	0
Design of cover	with cover
Design of locking system	End-locking clamp, lower side
Installation size	5
Type	Base housing
Sealing	NBR
Colour (RAL)	RAL 7035
Suitable for ModuPlug®	No

Top part/bottom part/lid	lower part
Tightening torque	0.5 Nm
Number of cable entry sideways	1
Design of housing	Base housing
Design	Standard
Cable entry	w. thread
Clamp version	End-locking clamp
Internal thread	M 25
BG	5

Classifications

ETIM 8.0	EC000437
ETIM 10.0	EC000437
ECLASS 15.0	27-44-02-02

ETIM 9.0	EC000437
ECLASS 14.0	27-44-02-02