Weidmüller ᴣᴇ

HDC 16B SDBO 2M25G

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: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25
Order No.	1788260000
Type	HDC 16B SDBO 2M25G
GTIN (EAN)	4032248205790
Qty.	1 pc(s).

Creation date March 25, 2021 8:19:29 AM CET

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Technical data

Dimensions and weights

Height	82 mm	Height (inches)	3.228 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	383 g	Width	77.5 mm
Width (inches)	3.051 inch		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3		
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

Dimensions

Cable entry	w. threading	Height of base B1	5 mm
Height of housing B	64 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 for this version of cover: IP20
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	1.2 Nm		

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Technical data

Version

Cable entry	w. threading	Clamp version	Side-locking clamp
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	Side-locking clamp on upper 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®	No
Tightening torque	1.2 Nm	Top part/bottom part/lid	lower part
Type	Base housing		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	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

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Technical Documentation	1788260000_HDC_16B_SDBO_2M25G_STP_Blatt__1.pdf

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Drawings

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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