

HDC 24D SBU 1M25G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 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, Size: 4, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
Order No.	1903210000
Type	HDC 24D SBU 1M25G
GTIN (EAN)	4032248592999
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	115.7 mm	Depth (inches)	4.555 inch
Height	74 mm	Height (inches)	2.913 inch
Width	55.5 mm	Width (inches)	2.185 inch
Mounting dimension - height	45 mm	Mounting dimension - width	82 mm
Net weight	377 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, 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	

Dimensions

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	74 mm	Hole pitch length A2	82 mm
Total length housing	73 mm	Width base C1	55.5 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 degree	IP65 (in plugged condition)
Surface finish	Powder coating		

Creation date September 16, 2022 9:17:51 PM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Technical data**Version**

BG	4	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 25
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	4
Size of cable entries	M 25	Suitable for ModuPlug®	Yes
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

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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