

HDC IP68 16B TOS 1M50**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The new RockStar® enclosures are resistant to seawater and offer a high degree of shock resistance, meet IP 68 and IP 69K, and have been developed for use under extreme environmental conditions and designed for the high vibration requirements acc. to DIN EN 61373 cat. 2 (bogie). As such, this housing family is ideally suited for fault- and maintenance-free operation of heavy-duty connectors in transport and traffic engineering as well as in power engineering and in applications with extreme requirements. During development, measures were also implemented to make the enclosures extremely EMC-resistant.

General ordering data

Version	HDC enclosures, Size: 6, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Cable entry from top, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082730000
Type	HDC IP68 16B TOS 1M50
GTIN (EAN)	4032248845842
Qty.	1 pc(s).

Creation date March 12, 2024 3:46:43 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	110.5 mm	Height (inches)	4.35 inch
Width	58 mm	Width (inches)	2.283 inch
Net weight	569 g		

Temperatures

Limit temperature	-50 °C ... 125 °C
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Dimensions

Cable entry	w. thread	Height of housing B	164 mm
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General data

EMC housings	Yes	Housing main material	diecast aluminium
Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)	Surface finish	Powder coating
Tightening torque	6.5 Nm		

Version

BG	6	Cable entry	w. thread
Colour (RAL)	RAL 9011, RAL 9005	Design	Standard
Design of housing	Cable entry from top, Plug housing	Design of locking system	Clamping yoke connection
Internal thread	M 50	Number of cable entry on top	1
Number of cable entry sideways	0	Size	6
Size of cable entries	M 50	Suitable for ModuPlug®	Yes
Tightening torque	6.5 Nm	Top part/bottom part/lid	upper part

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	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

Substance	Acetone
Chemical resistance	Resistant
Substance	Diesel oil
Chemical resistance	Unstable
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Conditionally resistant
Substance	Hydraulic oil
Chemical resistance	Conditionally resistant
Substance	Petroleum benzine

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Technical data

Chemical resistance	Unstable
Substance	Sweat
Chemical resistance	Conditionally resistant
Substance	Premium gasoline
Chemical resistance	Unstable
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Resistant
Substance	Ozone
Chemical resistance	Resistant

Approvals

Approvals



ROHS

Conform

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
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

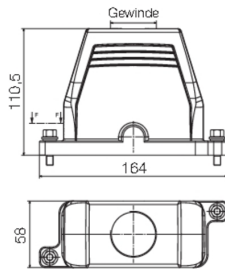
Data sheet

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Drawings



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Accessories

Screws

We offer a variety of accessories, including screws, that fit to the heavy-duty connectors.



General ordering data

Type	HDC IP68 SCREW SET	Version
Order No.	2555340000	Heavy-duty connectors, Accessories, Set of fixings
GTIN (EAN)	4050118571332	
Qty.	10 pc(s).	

Socket wrench sets

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.



General ordering data

Type	SK WSD-S 1,5-10,0	Version
Order No.	9008850000	Mounting tool
GTIN (EAN)	4032248266609	
Qty.	1 pc(s).	