

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP68**

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, Installation size: 6, Protection degree: IP66, IP68, IP69, 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 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Height	111 mm	Height (inches)	4.3701 inch
Width	58 mm	Width (inches)	2.2835 inch
Net weight	560 g		

Temperatures

Limit temperature -50 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Chemical resistance	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
	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

Dimensions

Cable entry w. thread Height of housing B 111 mm

General data

Tightening torque	6.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP66, IP68, IP69, in plugged condition
EMC housings	Yes		

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Technical data

Version

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

Classifications

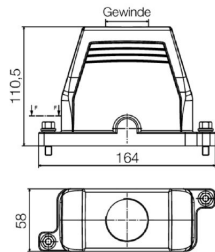
ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings



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www.weidmueller.com**Accessories****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 ST	

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 ST	