

HDC IP68 16B TSS 1M50

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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, Installation size: 6, Protection degree: IP66, IP68, IP69, in plugged condition, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 50
Order No.	1082820000
Type	HDC IP68 16B TSS 1M50
GTIN (EAN)	4032248845866
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	455 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	Total length housing	110.5 mm
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	Material of locking element	Stainless steel, rust-proof

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Technical data**Version**

Number of cable glands	0	Size of cable entries	M 50
Top part/bottom part/lid	upper part	Cover	without cover
Tightening torque	6.5 Nm	Number of cable entry on top	0
Number of cable entry sideways	1	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Design	Standard
Installation size	6	Cable entry	w. thread
Type	Plug	Clamp version	Clamping yoke connection
Sealing	no sealing	Internal thread	M 50
Colour (RAL)	RAL 9011, RAL 9005	BG	6
Suitable for ModuPlug®	Yes		

Classifications

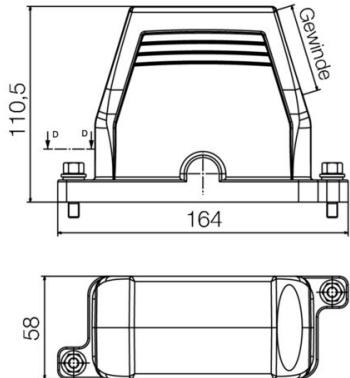
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings



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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	