Data sheet

HDC IP68 16B TSS 1M40

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, Installation size: 6, Protection degree: IP66, IP68, IP69, in plugged condition, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 40
Order No.	1082810000
Type	HDC IP68 16B TSS 1M40
GTIN (EAN)	4032248846085
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Height	111 mm	Height (inches)	4.3701 inch
Width	58 mm	Width (inches)	2.2835 inch
Net weight	517.44 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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Version

Size of cable entries	M 40	Top part/bottom part/lid	upper part
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
Internal thread	M 40	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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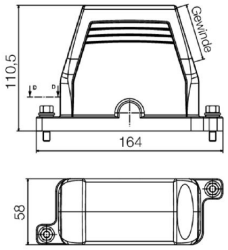
Drawings