

Weidmüller Interface GmbH & Co. KG

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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: 8, Protection degree: IP66, IP68, in plugged condition, Plug
housing, Clamping yoke connection, high, Size cable entries: M 50
Order No. <u>1827160000</u>
Type HDC HB 24 TEK TSS1XM50G
GTIN (EAN) 4032248332311
Qty. 1 items





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Technical data

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Approvals



ROHS Conform

Dimensions and weights

Height	120 mm	Height (inches)	4.7244 inch
Width	58 mm	Width (inches)	2.2835 inch
Net weight	718 g		

Temperatures

Limit temperature -50 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant	
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	184 mm	
Height of housing B	120 mm			

General data

Tightening torque	6.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP66, IP68, in plugged condition
EMC housings	Yes	Material of locking element	Stainless steel, rust-proof

Creation date 02.12.2025 09:08:30 MEZ

Catalogue status / Drawings 2





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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	0
Number of cable entry sideways	1	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Design	high
Installation size	8	Cable entry	w. thread
Туре	Plug	Clamp version	Clamping yoke connection
Internal thread	M 50	Colour (RAL)	RAL 9011
BG	8	Suitable for ModuPlug®	Yes

Classifications

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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

