HDC IP68 04A TOS 1PG13

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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: 1, Protection degree: IP66 (in plugged condition), IP68 (in plugged condition), Plug housing, Clamping yoke connection, Standard, Size of cable entries: PG 13.5
Order No.	1082410000
Type	HDC IP68 04A TOS 1PG13
GTIN (EAN)	4032248845385
Qty.	1 pc(s).

Creation date September 15, 2022 11:35:43 PM CEST

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Technical data

Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	60 mm	Height (inches)	2.362 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	98 g		

Temperatures

Limit temperature	-50 °C ... 125 °C

Environmental Product Compliance

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	50 mm

General data

EMC housings	Yes	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP66 (in plugged condition), IP68 (in plugged condition)
Surface finish	Powder coating	Tightening torque	2.2 Nm

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Technical data

Version

BG	1	Cable entry	w. thread
Clamp version	Clamping yoke connection	Colour (RAL)	RAL 9011
Design	Standard	Design of housing	Plug housing
Design of locking system	Clamping yoke connection	Internal thread	PG 13.5
Number of cable entry on top	1	Number of cable entry sideways	0
Size	1	Size of cable entries	PG 13.5
Suitable for ModuPlug®	No	Tightening torque	2.2 Nm
Top part/bottom part/lid	upper part	Type	Plug

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
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

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Drawings

