

HDC HB 24 TEK TOS1XM50G**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: 8, Protection degree: IP66, IP68, in plugged condition, Plug housing, Clamping yoke connection, high, Size of cable entries: M 50
Order No.	1827170000
Type	HDC HB 24 TEK TOS1XM50G
GTIN (EAN)	4032248332328
Qty.	1 items

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Technical data
Approvals

Approvals



ROHS

Conform

Dimensions and weights

Height	120 mm	Height (inches)	4.7244 inch
Width	58 mm	Width (inches)	2.2835 inch
Net weight	733 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

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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	Plug housing
Design of locking system	Clamping yoke connection	Design	high
Installation size	8	Cable entry	w. thread
Type	Plug	Clamp version	Clamping yoke connection
Internal thread	M 50	Colour (RAL)	RAL 9011
BG	8	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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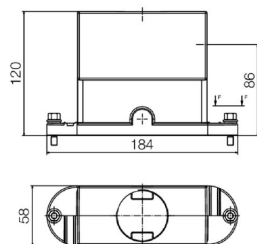
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Drawings



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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		