

## HDC HB 24 TEK TOS1XM50G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 of cable entries: M 50
Order No.	<a href="#">1827170000</a>
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**

Surface finish	Powder coating	Protection degree	IP66, IP68, in plugged condition
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**Version**

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	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	Sealing	no sealing
Internal thread	M 50	Colour (RAL)	RAL 9011
BG	8	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.	<a href="#">9008850000</a>	Mounting tool	
GTIN (EAN)	4032248266609		
Qty.	1 ST		