

**HDC IP68 24B MD 4M25 T1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



The RockStar® HighPower housings are manufactured from high-strength die-cast aluminium and offer perfect protection against harsh environmental conditions thanks to continual optimisation. The multi-part housing gives users the opportunity to examine work processes down to the last step in the workflow.

**General ordering data**

Version	HDC enclosures, Installation size: 8, Protection degree: IP68, IP69, in plugged condition, Cover, Clamping yoke connection, Standard, Size of cable entries: M 25
Order No.	<a href="#">1160450000</a>
Type	HDC IP68 24B MD 4M25 T1
GTIN (EAN)	4032248948215
Qty.	1 items

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## Technical data

## Approvals

RoHS	Conform
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## Dimensions and weights

Depth	181 mm	Depth (inches)	7.126 inch
Height	19 mm	Height (inches)	0.748 inch
Width	57 mm	Width (inches)	2.2441 inch
Mounting dimension - width	164 mm	Net weight	450.55 g

## Temperatures

Limit temperature	-50 °C ... 120 °C
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## 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	

## General data

Number of poles	0	Design of housing	Cover
Installation size	8	Colour	black, black (similar to RAL 9005)
Surface finish	Powder coating	Type	Cover
Series	HighPower	Free from halogens	false
BG	8	Protection degree	IP68, IP69, in plugged condition

## General data

Tightening torque	11 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP68, IP69, in plugged condition

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**Technical data**

Series	HighPower	EMC housings	Yes
Material of locking element	Stainless steel, rust-proof		

**Version**

Size of cable entries	M 25	Top part/bottom part/lid	Cover
Cover	with cover	Tightening torque	11 Nm
Number of cable entry on top	4	Number of cable entry sideways	0
Design of housing	Cover	Design of locking system	Clamping yoke connection
Design	Standard	Installation size	8
Cable entry	w. thread	Type	Cover
Clamp version	Clamping yoke connection	Sealing	Silicone rubber
Internal thread	M 25	Colour (RAL)	RAL 9011, RAL 9005
BG	8		

**Important note**

Product information	Depending on the intended operation, internally generated voltages can superimpose the working voltage and contain corresponding peaks. It is imperative to ensure that these peak voltages do not exceed the rated voltage. For applications outside of this specification, please contact us.
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**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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## 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	

## IP68 version acc. to EN 45545



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

## General ordering data

Type	VGM25-MS68 11-20 BG	Version
Order No.	<a href="#">1193600000</a>	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248976560	
Qty.	50 ST	
Type	VGM25-SS68 11-20 BG	Version
Order No.	<a href="#">1193570000</a>	Heavy-duty connectors, Accessories, Cable glands, Stainless steel
GTIN (EAN)	4032248976546	1.4305 (303)
Qty.	50 ST	

## EMC Brass cable gland acc. to EN 45545



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

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**Accessories****General ordering data**

Type	VGM25-MS68 EMC 11-20SET	Version
Order No.	<a href="#">1463720000</a>	Accessories
GTIN (EAN)	4050118269871	
Qty.	1 ST	