

HDC IP68 24B MD 2M25**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP68**

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, Size: 8, Protection degree: IP68, IP69K, IP68 (in plugged condition), Cover, Clamping yoke connection, Standard, Size of cable entries: M 25 |
| Order No. | 1120010000 |
| Type | HDC IP68 24B MD 2M25 |
| GTIN (EAN) | 4050118041453 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|--------|-----------------|------------|
| Depth | 181 mm | Depth (inches) | 7.126 inch |
| Height | 19 mm | Height (inches) | 0.748 inch |
| Width | 57 mm | Width (inches) | 2.244 inch |
| Mounting dimension - width | 164 mm | Net weight | 477 g |

Temperatures

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

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|--|
| EMC housings | Yes | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP68, IP69K, IP68 (in plugged condition) |
| Series | HighPower | Surface finish | Powder coating |
| Tightening torque | 11 Nm | | |

Version

| | | | |
|------------------------------|--------------------------|--------------------------------|--------------------|
| BG | 8 | Cable entry | w. thread |
| Clamp version | Clamping yoke connection | Colour (RAL) | RAL 9011, RAL 9005 |
| Design | Standard | Design of housing | Cover |
| Design of locking system | Clamping yoke connection | Internal thread | M 25 |
| Number of cable entry on top | 2 | Number of cable entry sideways | 0 |
| Sealing | Silicone rubber | Size | 8 |
| Size of cable entries | M 25 | Tightening torque | 11 Nm |
| Top part/bottom part/lid | Cover | Type | Cover |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | EC000437 | ETIM 9.0 | 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 |

| | |
|---------------------|-------------------------|
| 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 |

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Technical data

| | |
|---------------------|-------------------------|
| 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 |

Environmental Product Compliance

REACH SVHC

/

Chemical resistance

de.myview.objectmodel.impl.BlockImpl@7ff030d de.myview.objectmodel.impl.BlockImpl@43b4bf8e
 de.myview.objectmodel.impl.BlockImpl@4e7a7a77 de.myview.objectmodel.impl.BlockImpl@76aecceb
 de.myview.objectmodel.impl.BlockImpl@9b64e58 de.myview.objectmodel.impl.BlockImpl@6f18d82f
 de.myview.objectmodel.impl.BlockImpl@72acbe79 de.myview.objectmodel.impl.BlockImpl@7265ed53
 de.myview.objectmodel.impl.BlockImpl@499aa9c9 de.myview.objectmodel.impl.BlockImpl@60ead975
 de.myview.objectmodel.impl.BlockImpl@77a2ec67

Approvals

ROHS

Conform

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formity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[BPZ_HDC_Gehaeuse](#)

Catalogues

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Brochures

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www.weidmueller.com**Accessories****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-SS68 11-20 BG | Version |
| Order No. | 1193570000 | Heavy-duty connectors, Accessories, Cable glands, Stainless steel |
| GTIN (EAN) | 4032248976546 | 1.4305 (303) |
| Qty. | 50 pc(s). | |

IP68 version acc. to EN 45545

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | VGM25-MS68 11-20 BG | Version |
| Order No. | 1193600000 | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248976560 | |
| Qty. | 50 pc(s). | |

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Accessories**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.

General ordering data

| | | |
|------------|----------------------------|-------------|
| Type | VGM25-MS68 EMC 11-20SET | Version |
| Order No. | 1463720000 | Accessories |
| GTIN (EAN) | 4050118269871 | |
| Qty. | 1 pc(s). | |

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 pc(s). | |