

HDC IP68 24B MD 4M25 T1

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

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. | 1160450000 |
| Type | HDC IP68 24B MD 4M25 T1 |
| GTIN (EAN) | 4032248948215 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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

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 | Tightening torque | 11 Nm |
| Design of housing | Cover | Installation size | 8 |
| Colour | black, black (similar to RAL 9005) | Housing main material | diecast aluminium |
| Surface finish | Powder coating | Type | Cover |
| Series | HighPower | Free from halogens | false |
| EMC housings | Yes | BG | 8 |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP68, IP69, in plugged condition |

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Technical data

General data

| | | | |
|----------------|----------------|-------------------|----------------------------------|
| Surface finish | Powder coating | Protection degree | IP68, IP69, in plugged condition |
| Series | HighPower | | |

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 | Suitable for ModuPlug® | No |

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. |
|---------------------|---|

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. | 9008850000 | 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. | 1193600000 | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated | |
| GTIN (EAN) | 4032248976560 | | |
| Qty. | 50 ST | | |
| 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 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. | 1463720000 | Accessories | |
| GTIN (EAN) | 4050118269871 | | |
| Qty. | 1 ST | | |