

HDC IP68 16B SS 1M40

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

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: 6, Protection degree: IP66, IP68, IP69, in plugged condition, Base housing, Clamping yoke connection, Standard, Size of cable entries: M 40 |
| Order No. | 1081360000 |
| Type | HDC IP68 16B SS 1M40 |
| GTIN (EAN) | 4032248877416 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|-----------------------------|----------|----------------------------|-------------|
| Height | 111.5 mm | Height (inches) | 4.3898 inch |
| Width | 80 mm | Width (inches) | 3.1496 inch |
| Mounting dimension - height | 60 mm | Mounting dimension - width | 160 mm |
| Net weight | 1042 g | | |

Temperatures

Limit temperature -50 °C ... 125 °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 | |

Dimensions

| | | | |
|----------------------|--------|---------------------|-----------|
| Hole pitch length A2 | 160 mm | Cable entry | w. thread |
| Total length housing | 189 mm | Height of housing B | 111.5 mm |

General data

| | | | |
|----------------|----------------|-------------------|--|
| Surface finish | Powder coating | Protection degree | IP66, IP68, IP69, in plugged condition |
|----------------|----------------|-------------------|--|

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Version

| | | | |
|------------------------------|--------------------------|--------------------------------|--------------------------|
| Number of cable glands | 0 | Size of cable entries | M 40 |
| Top part/bottom part/lid | lower part | Cover | without cover |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Design of housing | Base housing | Design of locking system | Clamping yoke connection |
| Design | Standard | Installation size | 6 |
| Cable entry | w. thread | Type | Base housing |
| Clamp version | Clamping yoke connection | Sealing | Silicone |
| Internal thread | M 40 | Colour (RAL) | RAL 9011, RAL 9005 |
| BG | 6 | Suitable for ModuPlug® | Yes |

Classifications

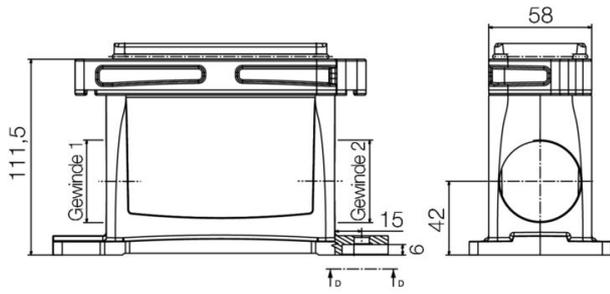
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings

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Accessories

IP68 O-ring seals



We offer a variety of accessories, including seals, to accompany the housings. Because of the excellent sealing, you can achieve the best seal possible with our housings. Extensive testing has confirmed it – RockStar® remains impermeable to water to a depth of 50 metres. This allows you to use heavy-duty connectors in environments which previously required fixed-wire installation.

General ordering data

| | | | |
|------------|----------------------------|-------------------------------------|--|
| Type | HDC DG 16B IP68 | Version | |
| Order No. | 1987530000 | Accessories, Enclosures accessories | |
| GTIN (EAN) | 4050118379181 | | |
| Qty. | 10 ST | | |