

HDC IP68 16B TOS 1M25

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, in plugged condition, Plug housing, Clamping yoke connection, Standard, Size of cable entries: M 25 |
| Order No. | 1082700000 |
| Type | HDC IP68 16B TOS 1M25 |
| GTIN (EAN) | 4032248846214 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Height | 111 mm | Height (inches) | 4.3701 inch |
| Width | 58 mm | Width (inches) | 2.2835 inch |
| Net weight | 595 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

| | | | |
|---------------------|-----------|----------------------|----------|
| Cable entry | w. thread | Total length housing | 110.5 mm |
| Height of housing B | 111 mm | | |

General data

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

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Technical data

Version

| | | | |
|--------------------------------|--------------------------|------------------------------|--------------------------|
| Number of cable glands | 0 | Size of cable entries | M 25 |
| 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 | Standard |
| Installation size | 6 | Cable entry | w. thread |
| Type | Plug | Clamp version | Clamping yoke connection |
| Sealing | no sealing | Internal thread | M 25 |
| 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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