

HDC enclosures HDC IP68 10B TOS 1PG16

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

| | |
|------------|---|
| Type | HDC IP68 10B TOS 1PG16 |
| Order No. | 1082620000 |
| Version | HDC enclosures, Size: 4, Protection degree: IP68, IP69K, Plug housing, Screw plug, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4032248845910 |
| Qty. | 1 pc(s). |

HDC enclosures
HDC IP68 10B TOS 1PG16

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Length | 144 mm | Length (inches) | 5.669 inch |
| Width | 58 mm | Width (inches) | 2.283 inch |
| Height | 100.5 mm | Height (inches) | 3.957 inch |
| Net weight | 483 g | | |

Temperatures

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

Dimensions

| | | | |
|-------------|--------------|----------------------|--------|
| Cable entry | w. threading | Total length housing | 144 mm |
|-------------|--------------|----------------------|--------|

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|-------------------|
| EMC housings | Yes | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP68, IP69K |
| Surface finish | Powder coating | Tightening torque | 6.5 Nm |

Version

| | | | |
|------------------------------|--------------|--------------------------------|--------------|
| Cable entry | w. threading | Clamp version | Screw plug |
| Design | Standard | Design of housing | Plug housing |
| Design of locking system | Screw plug | Internal thread | PG 16 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 4 | Size of cable entries | PG 16 |
| Suitable for ModuPlug® | Yes | Tightening torque | 6.5 Nm |
| Top part/bottom part/lid | upper part | Type | Plug |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000437 | ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000437 | ETIM 6.0 | EC000437 |
| UNSPSC | 30-21-18-01 | eClass 5.1 | 27-14-34-19 |
| eClass 6.2 | 27-14-34-19 | eClass 7.1 | 27-44-05-15 |
| eClass 8.1 | 27-44-05-15 | eClass 9.0 | 27-44-05-15 |
| eClass 9.1 | 27-44-02-02 | | |

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN |

Creation date September 19, 2018 7:59:40 AM CEST

Catalogue status 14.09.2018 / We reserve the right to make technical changes.

2

Data sheet

**HDC enclosures
HDC IP68 10B TOS 1PG16**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

