

**HDC enclosures  
HDC IP68 16B SS 1PG36**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 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 16B SS 1PG36  |
| Order No.  | <a href="#">1081380000</a>   |
| Version    | HDC enclosures, Size: 6, Protection degree: IP68, IP69K, Closed base, Clamping yoke connection, Standard, Size of cable entries: PG 36 |
| GTIN (EAN) | 4032248877430  |
| Qty.       | 1 pc(s).   |

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**Technical data**
**Dimensions and weights**

|                            |          |                             |           |
|----------------------------|----------|-----------------------------|-----------|
| Width                      | 80 mm    | Width (inches)              | 3.15 inch |
| Height                     | 111.5 mm | Height (inches)             | 4.39 inch |
| Mounting dimension - width | 160 mm   | Mounting dimension - height | 60 mm     |
| Net weight                 | 1,043 g  |                             |           |

**Temperatures**

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

**Dimensions**

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

**General data**

|                   |             |                       |                   |
|-------------------|-------------|-----------------------|-------------------|
| EMC housings      | Yes         | Housing main material | diecast aluminium |
| Protection degree | IP68, IP69K | Surface finish        | Powder coating    |

**Version**

|                              |                          |                                |                          |
|------------------------------|--------------------------|--------------------------------|--------------------------|
| Cable entry                  | w. threading             | Clamp version                  | Clamping yoke connection |
| Design                       | Standard                 | Design of housing              | Closed base              |
| Design of locking system     | Clamping yoke connection | Internal thread                | PG 36                    |
| Number of cable entry on top | 0                        | Number of cable entry sideways | 1                        |
| Sealing                      | Silicone rubber          | Size                           | 6                        |
| Size of cable entries        | PG 36                    | Suitable for ModuPlug®         | Yes                      |
| Top part/bottom part/lid     | lower part               | Type                           | Base housing             |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0   | EC000437    |
| eClass 9.0  | 27-44-02-02 | eClass 9.1 | 27-44-02-02 |
| eClass 10.0 | 27-44-02-02 | UNSPSC     | 30-21-18-01 |

**Approvals**

Approvals



ROHS Conform

**Downloads**

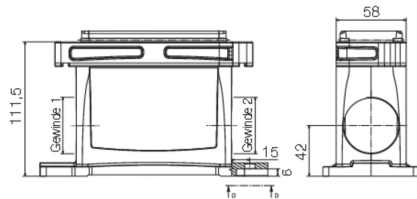
|                    |   |
|--------------------|---|
| Brochure/Catalogue | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN</a>   |
| Engineering Data   | <a href="#">STEP</a>  |

**Data sheet**

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**Drawings**



**Data sheet**

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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.  | <a href="#">1987530000</a> | Accessories, Enclosures accessories, Protection degree: Design of |
| GTIN (EAN) | 4050118379181              | housing: Clamp version: Design: Approvals :                       |
| Qty.       | 1 pc(s).                   |   |