

**HDC enclosures
HDC IP68 04A AWS 1M20**

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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 04A AWS 1M20 |
| Order No. | 1081480000 |
| Version | HDC enclosures, Size: 1, Protection degree: IP68, IP69K, Bulkhead enclosure, Screw plug, Standard, Size of cable entries: M 20 |
| GTIN (EAN) | 4032248844227 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Length | 50 mm | Length (inches) | 1.969 inch |
| Width | 67 mm | Width (inches) | 2.638 inch |
| Height | 43.7 mm | Height (inches) | 1.72 inch |
| Mounting dimension - width | 41 mm | Mounting dimension - height | 41 mm |
| Net weight | 135 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------------|----------------------|-------|
| Cable entry | w. threading | Hole pitch length A2 | 41 mm |
| Total length housing | 50 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 | Screw plug |
| Design | Standard | Design of housing | Bulkhead enclosure |
| Design of locking system | Screw plug | Internal thread | M 20 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Sealing | Silicone rubber | Size | 1 |
| Size of cable entries | M 20 | Suitable for ModuPlug® | No |
| Top part/bottom part/lid | lower part | Type | Bulkhead (Feed-Through) |

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 18, 2018 1:34:48 PM CEST

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

Data sheet

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Drawings

