

HDC IP65 16B FRAME M4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

| | |
|------------|---|
| Version | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), , Clamping yoke connection |
| Order No. | 1081570000 |
| Type | HDC IP65 16B FRAME M4 |
| GTIN (EAN) | 4032248844418 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|--------|----------------------------|------------|
| Depth | 129 mm | Depth (inches) | 5.079 inch |
| Height | 14 mm | Height (inches) | 0.551 inch |
| Width | 58 mm | Width (inches) | 2.283 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 103 mm |
| Net weight | 78 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------|----------------------|--------|
| Height of housing B | 14 mm | Hole pitch length A2 | 103 mm |
| Total length housing | 129 mm | | |

General data

| | | | |
|-------------------|-----------------------------|-----------------------|-------------------|
| EMC housings | Yes | Housing main material | diecast aluminium |
| Protection degree | IP65 (in plugged condition) | | |

Version

| | | | |
|--------------------------|--------------------------|--------------|-------------------------|
| BG | 6 | Colour (RAL) | RAL 7001 |
| Design of locking system | Clamping yoke connection | Size | 6 |
| Top part/bottom part/lid | lower part | Type | Bulkhead (feed-through) |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | EC000437 | ECLASS 9.0 | 27-44-02-02 |
| ECLASS 9.1 | 27-44-02-02 | ECLASS 10.0 | 27-44-02-02 |
| ECLASS 11.0 | 27-44-02-02 | ECLASS 12.0 | 27-44-02-02 |

| | |
|---------------------|-------------------------|
| 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 |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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|---------------------|------------------|
| Substance | Premium gasoline |
| Chemical resistance | Unstable |
| Substance | Water |
| Chemical resistance | Resistant |
| Substance | UV |
| Chemical resistance | Resistant |
| Substance | Ozone |
| Chemical resistance | Resistant |

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

Data sheet

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Drawings

