

HDC 16B DMDQ 4B0**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), Cover for upper part of housing, Side-locking clamp on upper side, Standard |
| Order No. | 1665620000 |
| Type | HDC 16B DMDQ 4B0 |
| GTIN (EAN) | 4008190422646 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Depth | 93.3 mm | Depth (inches) | 3.673 inch |
| Height | 18 mm | Height (inches) | 0.709 inch |
| Width | 59 mm | Width (inches) | 2.323 inch |
| Net weight | 73 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Environmental Product Compliance

| REACH SVHC | Lead 7439-92-1 | |
|---------------------|---------------------|-------------------------|
| Chemical resistance | Substance | Acetone |
| | Chemical resistance | Conditionally resistant |
| | Substance | Drilling oil |
| | Chemical resistance | Resistant |
| | Substance | Diesel |
| | Chemical resistance | Resistant |
| | Substance | Ethyl alcohol |
| | Chemical resistance | Resistant |
| | Substance | Transmission oil |
| | Chemical resistance | Resistant |
| | Substance | Hydraulic oil |
| | Chemical resistance | Resistant |
| | Substance | Coolant |
| | Chemical resistance | Resistant |
| | Substance | Petroleum benzine |
| | Chemical resistance | Resistant |
| | Substance | Sweat |
| | Chemical resistance | Resistant |
| | Substance | Premium gasoline |
| | Chemical resistance | Conditionally resistant |
| | Substance | Water |
| | Chemical resistance | Resistant |
| | Substance | UV |
| | Chemical resistance | Unstable |
| | Substance | Ozone |
| | Chemical resistance | Unstable |

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | For hoods | Height of housing B | 18 mm |
| Total length housing | 93.3 mm | Width housing C | 43 mm |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP65 (in plugged condition) |
| Surface finish | Powder coating | | |

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Technical data**Version**

| | | | |
|------------------------|---------------------------------|--------------------------|----------------------------------|
| Cable entry | For hoods | Clamp version | Side-locking clamp |
| Colour (RAL) | RAL 7035 | Design | Standard |
| Design of housing | Cover for upper part of housing | Design of locking system | Side-locking clamp on upper side |
| Sealing | NBR | Size | 6 |
| Suitable for ModuPlug® | Yes | Top part/bottom part/lid | Cover |
| Type | Cover | | |

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 | | |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E92202 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD |
| Technical Documentation | 1665620000_HDC_16B_DMDQ_4BO_STP_Blatt__1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings

