

HDC 16A DMDL 2BO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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: 5, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard |
| Order No. | 1665910000 |
| Type | HDC 16A DMDL 2BO |
| GTIN (EAN) | 4008190422943 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 89 mm | Depth (inches) | 3.504 inch |
| Height | 19.5 mm | Height (inches) | 0.768 inch |
| Width | 29.5 mm | Width (inches) | 1.161 inch |
| Net weight | 46 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|---------|
| Cable entry | For bases | Height of housing B | 19.5 mm |
| Total length housing | 79 mm | Width housing C | 29.5 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 | Tightening torque | 0.5 Nm |

Version

| | | | |
|--------------------------|-------------------------------|--------------------------|---------------------------------|
| BG | 5 | Cable entry | For bases |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | Design of housing | Cover for upper part of housing |
| Design of locking system | End-locking clamp, lower side | Sealing | NBR |
| Size | 5 | Suitable for ModuPlug® | No |
| Tightening torque | 0.5 Nm | Top part/bottom part/lid | Cover |
| Type | Cover | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | EC000437 | ETIM 9.0 | 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 | ECLASS 13.0 | 27-44-02-02 |

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

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| 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 |

Environmental Product Compliance

| | |
|---------------------|---|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@21cd198 de.myview.objectmodel.impl.BlockImpl@67003b55 de.myview.objectmodel.impl.BlockImpl@754d9d46 de.myview.objectmodel.impl.BlockImpl@2498fa34 de.myview.objectmodel.impl.BlockImpl@406c7f2e de.myview.objectmodel.impl.BlockImpl@26503ee5 de.myview.objectmodel.impl.BlockImpl@3f6e20c4 de.myview.objectmodel.impl.BlockImpl@5cc43447 de.myview.objectmodel.impl.BlockImpl@7f72b5fe de.myview.objectmodel.impl.BlockImpl@58f21be3 de.myview.objectmodel.impl.BlockImpl@16d46839 de.myview.objectmodel.impl.BlockImpl@6b4f10a8 de.myview.objectmodel.impl.BlockImpl@1f8857a |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Manufacturer's declaration |
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1665910000 HDC 16A DMDL 2BO_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

Creation date July 7, 2024 10:03:35 PM CEST

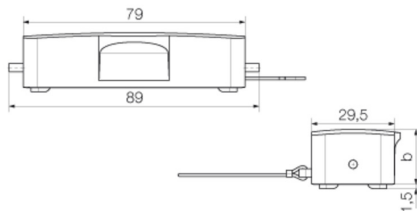
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

HDC 16A DMDL 2B0

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Drawings



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Accessories

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 16A ALU | Version |
| Order No. | 1664920000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard |
| GTIN (EAN) | 4008190421625 | |
| Qty. | 1 pc(s). | |

Coupling housing



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 16A KLU 1M25G | Version |
| Order No. | 1788800000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, |
| GTIN (EAN) | 4032248206346 | |
| Qty. | 1 pc(s). | Size of cable entries: M 25 |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC 16A KLU 1PG16G | Version |
| Order No. | 1665450000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4008190422158 | |
| Qty. | 1 pc(s). | |

Base housing



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

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 16A SLU 2M25G | Version |
| Order No. | 1788760000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248206308 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16A SLU 2PG16G | Version |
| Order No. | 1665070000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4008190421779 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16A SLU 1PG21G | Version |
| Order No. | 1665090000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190421793 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16A SLU 1M25G | Version |
| Order No. | 1902330000 | HDC enclosures, Size: 5, Protection degree: IP65, IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248591916 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16A SLU 2M20G | Version |
| Order No. | 1788770000 | HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20 |
| GTIN (EAN) | 4032248206315 | |
| Qty. | 1 pc(s). | |