

HDC 06B DMDL 1LB**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: 3, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard |
| Order No. | 1665210000 |
| Type | HDC 06B DMDL 1LB |
| GTIN (EAN) | 4008190421915 |
| Qty. | 1 pc(s). |

HDC 06B DMDL 1LB

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Depth | 72 mm | Depth (inches) | 2.835 inch |
| Height | 18 mm | Height (inches) | 0.709 inch |
| Width | 43 mm | Width (inches) | 1.693 inch |
| Net weight | 92 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | For hoods | Height of housing B | 18 mm |
| Total length housing | 60 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 | Tightening torque | 1.2 Nm |

Version

| | | | |
|--------------------------|-------------------------------|--------------------------|---------------------------------|
| BG | 3 | Cable entry | For hoods |
| 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 | 3 | Suitable for ModuPlug® | Yes |
| Tightening torque | 1.2 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 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-Odda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@9799d32 de.myview.objectmodel.impl.BlockImpl@6a36eb02 de.myview.objectmodel.impl.BlockImpl@3bf447ea de.myview.objectmodel.impl.BlockImpl@1cba6f35 de.myview.objectmodel.impl.BlockImpl@596fe19d de.myview.objectmodel.impl.BlockImpl@4dc6f49 de.myview.objectmodel.impl.BlockImpl@1d0eb32f de.myview.objectmodel.impl.BlockImpl@5282b47c de.myview.objectmodel.impl.BlockImpl@7447d4b8 de.myview.objectmodel.impl.BlockImpl@13064b5e de.myview.objectmodel.impl.BlockImpl@7bf915da de.myview.objectmodel.impl.BlockImpl@3c9f6f8d de.myview.objectmodel.impl.BlockImpl@76b79eb2 |

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 |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

Creation date April 27, 2024 12:55:22 PM CEST

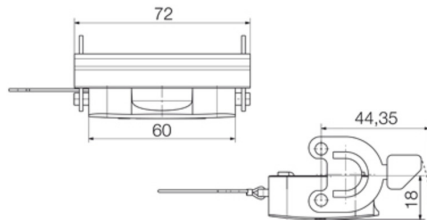
Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Drawings



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Accessories

Hood, Cable Entry at top



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 16D TOLU 1PG21G | Version |
| Order No. | 1652680000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402754 | lower side, high, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TOLU 1PG29G | Version |
| Order No. | 1652700000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402778 | lower side, high, Size of cable entries: PG 29 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TOLU 1PG16G | Version |
| Order No. | 1652640000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402716 | lower side, Standard, Size of cable entries: PG 16 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TOLU 1PG13G | Version |
| Order No. | 1670500000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190431587 | lower side, Standard, Size of cable entries: PG 13.5 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TOLU 1M20G | Version |
| Order No. | 1788120000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205561 | lower side, Standard, Size of cable entries: M 20 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TOLU 1M25G | Version |
| Order No. | 1787500000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204847 | lower side, high, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TOLU 1M25G | Version |
| Order No. | 1788110000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205554 | lower side, Standard, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TOLU 1M32G | Version |
| Order No. | 1787490000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204830 | lower side, high, Size of cable entries: M 32 |
| Qty. | 1 pc(s). | |

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Accessories

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 16D TSLU 1PG21G | Version |
| Order No. | 1652560000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402631 | lower side, high, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TSLU 1M25G | Version |
| Order No. | 1787480000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204823 | lower side, high, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TSLU 1M32G | Version |
| Order No. | 1787470000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204816 | lower side, high, Size of cable entries: M 32 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TSLU 1M25G | Version |
| Order No. | 1788090000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205530 | lower side, Standard, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TSLU 1PG13G | Version |
| Order No. | 1670530000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190431617 | lower side, Standard, Size of cable entries: PG 13.5 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TSLU 1PG16G | Version |
| Order No. | 1652520000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402594 | lower side, Standard, Size of cable entries: PG 16 |
| Qty. | 1 pc(s). | |
| Type | HDC 16D TSLU 1PG29G | Version |
| Order No. | 1652580000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190402655 | lower side, high, Size of cable entries: PG 29 |
| Qty. | 1 pc(s). | |
| Type | HDC 06B TSLU 1M20G | Version |
| Order No. | 1788100000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205547 | lower side, Standard, Size of cable entries: M 20 |
| Qty. | 1 pc(s). | |