

HDC 40D TSBO 1M25G**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: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: M 25 |
| Order No. | 1787030000 |
| Type | HDC 40D TSBO 1M25G |
| GTIN (EAN) | 4032248204274 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 93.3 mm | Depth (inches) | 3.673 inch |
| Height | 76 mm | Height (inches) | 2.992 inch |
| Width | 55 mm | Width (inches) | 2.165 inch |
| Net weight | 345 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 76 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 | | |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|-------------------------------------|
| BG | 6 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | high | Design of housing | Cable entry from side, Plug housing |
| Design of locking system | Side-locking clamp on upper side | Internal thread | M 25 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Size | 6 | Size of cable entries | M 25 |
| Suitable for ModuPlug® | Yes | Top part/bottom part/lid | upper part |
| Type | Plug | | |

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 |
| ECLASS 14.0 | 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 |

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

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@5cd5c45a de.myview.objectmodel.impl.BlockImpl@5a892111 de.myview.objectmodel.impl.BlockImpl@279b0958 de.myview.objectmodel.impl.BlockImpl@4a7c1413 de.myview.objectmodel.impl.BlockImpl@3879ee12 de.myview.objectmodel.impl.BlockImpl@2b6bc1a5 de.myview.objectmodel.impl.BlockImpl@5445cc59 de.myview.objectmodel.impl.BlockImpl@7eb3964e de.myview.objectmodel.impl.BlockImpl@94deef4 de.myview.objectmodel.impl.BlockImpl@7cde7091 de.myview.objectmodel.impl.BlockImpl@6835c57 de.myview.objectmodel.impl.BlockImpl@6460bb2f de.myview.objectmodel.impl.BlockImpl@2bcd319 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

Approvals

Approvals



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

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Technical data

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

[1787030000 HDC_40D_TSBO_1M25G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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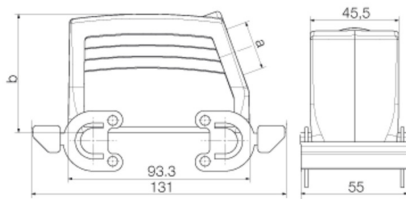
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Drawings



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Accessories

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 16B ADBO | Version |
| Order No. | 1209200000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, |
| GTIN (EAN) | 4008190871130 | Standard, with cover |
| Qty. | 1 pc(s). | |

Base housing



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 16B SDBO 2M25G | Version |
| Order No. | 1788260000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, |
| GTIN (EAN) | 4032248205790 | with cover, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDBO 2PG21G | Version |
| Order No. | 1657640000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, |
| GTIN (EAN) | 4008190410698 | with cover, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC 16B SBO 2M32G | Version |
| Order No. | 2454650000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4050118472219 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDBO 1M25G | Version |
| Order No. | 1900080000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248520756 | |
| Qty. | 1 pc(s). | |

Cover



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

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| | | |
|------------|----------------------------|--|
| Type | HDC 16B DMDQ 4BO | Version |
| Order No. | 1665620000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard |
| GTIN (EAN) | 4008190422646 | |
| Qty. | 1 pc(s). | |