

HDC 40D TOLU 1M40G**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, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40 |
| Order No. | 1139680000 |
| Type | HDC 40D TOLU 1M40G |
| GTIN (EAN) | 4032248959792 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|----------------|------------|
| Depth | 93 mm | Depth (inches) | 3.661 inch |
| Width | 45 mm | Width (inches) | 1.772 inch |
| Net weight | 270 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 75 mm |
| Total length housing | 93 mm | Width housing C | 43 mm |

General data

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

Version

| | | | |
|--------------------------------|------------------------------------|------------------------------|-------------------------------|
| BG | 6 | Cable entry | w. thread |
| Colour (RAL) | RAL 7035 | Design | high |
| Design of housing | Cable entry from top, Plug housing | Design of locking system | End-locking clamp, lower side |
| Internal thread | M 40 | Number of cable entry on top | 1 |
| Number of cable entry sideways | 0 | Size | 6 |
| Size of cable entries | M 40 | 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 |

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

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| 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@35a054d6 de.myview.objectmodel.impl.BlockImpl@51330412 de.myview.objectmodel.impl.BlockImpl@11752d16 de.myview.objectmodel.impl.BlockImpl@6f3a59e9 de.myview.objectmodel.impl.BlockImpl@580ba63c de.myview.objectmodel.impl.BlockImpl@11d13abb de.myview.objectmodel.impl.BlockImpl@2974b80a de.myview.objectmodel.impl.BlockImpl@14bc49dc de.myview.objectmodel.impl.BlockImpl@11032731 de.myview.objectmodel.impl.BlockImpl@99fc348 de.myview.objectmodel.impl.BlockImpl@5278e99 de.myview.objectmodel.impl.BlockImpl@73a3c548 de.myview.objectmodel.impl.BlockImpl@7b914ea2 |

Approvals

Approvals



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

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 |

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Accessories

Coupling hood



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

General ordering data

| | | |
|------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 40D KLU 1M25G | Version |
| Order No. | 1787220000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, high, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248204564 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B KLU 1M25G | Version |
| Order No. | 1788290000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205820 | |
| Qty. | 1 pc(s). | |

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 16B ALU | Version |
| Order No. | 1209700000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard |
| GTIN (EAN) | 4008190000134 | |
| Qty. | 1 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 16B ADLU | Version |
| Order No. | 1210100000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover |
| GTIN (EAN) | 4008190050924 | |
| Qty. | 1 pc(s). | |

Base housing



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General ordering data

| | | |
|------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 40D SDLU 1M25G | Version |
| Order No. | 1903070000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248592975 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDLU 2PG21G | Version |
| Order No. | 1658330000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411381 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SLU 1PG21G | Version |
| Order No. | 1658110000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411169 | |
| Qty. | 1 pc(s). | |
| Type | HDC HB16 SDVL 2XM25 SET | Version |
| Order No. | 1822020000 | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition) |
| GTIN (EAN) | 4032248322824 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SLU 2M25G | Version |
| Order No. | 1788250000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205783 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SDLU 2M32G | Version |
| Order No. | 1787170000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204519 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SLU 2M32G | Version |
| Order No. | 1804660000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248267606 | |
| Qty. | 1 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 40D SDLU 1PG29G | Version |
| Order No. | 1658410000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190411459 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SLU 1M32G | Version |
| Order No. | 1903110000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248590117 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDLU 2M25G | Version |
| Order No. | 1788270000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205806 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SLU 1M25G | Version |
| Order No. | 1900170000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248520800 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SLU 2PG21G | Version |
| Order No. | 1658120000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411176 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SDLU 2M25G | Version |
| Order No. | 1787180000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248204526 | |
| Qty. | 1 pc(s). | |
| Type | HDC HBD40 SDVL 2XM32 SET | Version |
| Order No. | 1822150000 | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition) |
| GTIN (EAN) | 4032248322954 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SLU 1PG29G | Version |
| Order No. | 1957630000 | HDC enclosures, Size: , Protection degree: IP65 (in plugged condition) |
| GTIN (EAN) | 4032248780754 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDLU 1PG21G | Version |
| Order No. | 1658320000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411374 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B SDLU 1M25G | Version |
| Order No. | 1415810000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25 |
| GTIN (EAN) | 4050118217230 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D SDLU 1M32G | Version |
| Order No. | 1903080000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248592982 | |
| Qty. | 1 pc(s). | |