

HDC 64D SBU 1M32G N**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: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 32 |
| Order No. | 2561050000 |
| Type | HDC 64D SBU 1M32G N |
| GTIN (EAN) | 4050118680195 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Height | 84 mm | Height (inches) | 3.307 inch |
| Width | 57.5 mm | Width (inches) | 2.264 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 132 mm |
| Net weight | 515 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|---------|
| Cable entry | w. thread | Height of base B1 | 5 mm |
| Height of housing B | 84 mm | Hole pitch length A2 | 132 mm |
| Total length housing | 120 mm | Width base C1 | 57.5 mm |
| Width housing C | 43 mm | | |

General data

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

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|--------------|
| BG | 8 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | high | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on lower side | Internal thread | M 32 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 2 |
| Sealing | NBR | Size | 8 |
| Size of cable entries | M 32 | Suitable for ModuPlug® | Yes |
| Top part/bottom part/lid | lower part | Type | Base housing |

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 |

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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 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@3cdeb218 de.myview.objectmodel.impl.BlockImpl@3e90f6b5 de.myview.objectmodel.impl.BlockImpl@6b336c16 de.myview.objectmodel.impl.BlockImpl@1c4bf84d de.myview.objectmodel.impl.BlockImpl@554cc7ae de.myview.objectmodel.impl.BlockImpl@6cd0b6ec de.myview.objectmodel.impl.BlockImpl@1cf324bc de.myview.objectmodel.impl.BlockImpl@5f392eff de.myview.objectmodel.impl.BlockImpl@6c7bf301 de.myview.objectmodel.impl.BlockImpl@5755fb4 de.myview.objectmodel.impl.BlockImpl@a65d62 de.myview.objectmodel.impl.BlockImpl@16fed55f de.myview.objectmodel.impl.BlockImpl@252edf7a |

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 |

Creation date May 8, 2024 2:40:26 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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Accessories

XXL plug housing, cable entry on top



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 64D TOBU 1M50G | Version |
| Order No. | 1111140000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 50 |
| GTIN (EAN) | 4032248964413 | |
| Qty. | 1 pc(s). | |

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 64D TSBU 1M40G | Version |
| Order No. | 1809630000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248284986 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBU 1PG29G | Version |
| Order No. | 1661320000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190417871 | |
| Qty. | 1 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC 24B TSBU 1M32G | Version |
| Order No. | 1787750000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205097 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBU 1PG21G | Version |
| Order No. | 1661230000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190417789 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBU 1M25G | Version |
| Order No. | 1786780000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248204021 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBU 1M25G | Version |
| Order No. | 1787760000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205103 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBU 1M40G | Version |
| Order No. | 1902480000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248592944 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBU 1M32G | Version |
| Order No. | 1786770000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204014 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBU 1PG29G | Version |
| Order No. | 1661240000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190417796 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBU 1PG21G | Version |
| Order No. | 1661300000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190417857 | |
| Qty. | 1 pc(s). | |

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Accessories

Hood, Cable Entry at top



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General ordering data

| | | |
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| Type | HDC 24B TOBU 1M25G | Version |
| Order No. | 1787820000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205264 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBU 1PG29G | Version |
| Order No. | 1661460000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418014 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TOBU 1PG21G | Version |
| Order No. | 1661370000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190417925 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBU 2M32G | Version |
| Order No. | 1009710000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248771394 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBU 1M40G | Version |
| Order No. | 1045560000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248780532 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBU 1M32G | Version |
| Order No. | 1786830000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204076 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TOBU 1M32G | Version |
| Order No. | 1787810000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205257 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TOBU 1PG29G | Version |
| Order No. | 1661380000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190417932 | |
| Qty. | 1 pc(s). | |

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| | | |
|------------|----------------------------|--|
| Type | HDC 64D TOBU 1PG21G | Version |
| Order No. | 1661440000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190417994 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TOBU 1M40G | Version |
| Order No. | 1902980000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248585274 | |
| Qty. | 1 pc(s). | |

XXL plug housing, cable entry sideways



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 64D TSB 1M50G | Version |
| Order No. | 1111130000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 50 |
| GTIN (EAN) | 4032248967711 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**Accessories****Cover**

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| | | |
|------------|----------------------------|--|
| Type | HDC 24B DODQ 4B0 | Version |
| Order No. | 1665630000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190422653 | |
| Qty. | 1 pc(s). | |