

HDC 24B ADBO**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: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard, with cover |
| Order No. | 1213300000 |
| Type | HDC 24B ADBO |
| GTIN (EAN) | 4008190871147 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Height | 51.3 mm | Height (inches) | 2.02 inch |
| Width | 71.6 mm | Width (inches) | 2.819 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 130 mm |
| Net weight | 209 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------|----------------------|--------|
| Height of base B1 | 5.3 mm | Height of housing B | 29 mm |
| Hole pitch length A2 | 130 mm | Total length housing | 120 mm |
| Width base C1 | 47 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 class note | Protection class for this version of cover: IP20 |
| Protection degree | IP65 (in plugged condition) | Surface finish | Powder coating |

Version

| | | | |
|------------------------|-------------------------|--------------------------|----------------------------------|
| BG | 8 | Clamp version | Side-locking clamp |
| Colour (RAL) | RAL 7035 | Cover | with cover |
| Design | Standard | Design of cover | with cover |
| Design of housing | Bulkhead housing | Design of locking system | Side-locking clamp on upper side |
| Sealing | NBR | Size | 8 |
| Suitable for ModuPlug® | Yes | Top part/bottom part/lid | lower part |
| Type | Bulkhead (feed-through) | | |

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 |

Creation date July 25, 2024 2:13:08 AM CEST

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Technical data

| | |
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| 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-8d19-0dda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@6b18524f de.myview.objectmodel.impl.BlockImpl@621bb4aa de.myview.objectmodel.impl.BlockImpl@3a477ae4 de.myview.objectmodel.impl.BlockImpl@12a1140e de.myview.objectmodel.impl.BlockImpl@3b02b63f de.myview.objectmodel.impl.BlockImpl@403eb11 de.myview.objectmodel.impl.BlockImpl@592312f de.myview.objectmodel.impl.BlockImpl@1f8944f7 de.myview.objectmodel.impl.BlockImpl@3114aa77 de.myview.objectmodel.impl.BlockImpl@2ad48427 de.myview.objectmodel.impl.BlockImpl@3edbd31b de.myview.objectmodel.impl.BlockImpl@6ba086cb de.myview.objectmodel.impl.BlockImpl@7ff3ceda |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

Important note

| | |
|---------------------|---|
| Product information | When mounting the housings, make sure that the flat gasket is correctly seated. |
|---------------------|---|

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 Con-
formity

[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

[1213300000 HDC_24B_ADBO_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

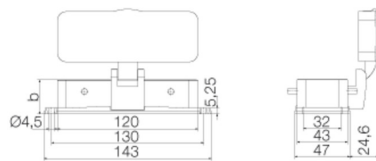
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Drawings



HDC 24B ADBO

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Accessories

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 64D TSBO 1PG21G | Version |
| Order No. | 1661940000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418472 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBO 1M32G | Version |
| Order No. | 1786790000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204038 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBO 1M25G | Version |
| Order No. | 1787780000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205226 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBO 1PG21G | Version |
| Order No. | 1661860000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418397 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBO 1PG29G | Version |
| Order No. | 1661880000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418410 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBO 1M25G | Version |
| Order No. | 1786800000 | HDC enclosures, Size: 8, 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 |
| GTIN (EAN) | 4032248204045 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TSBO 1M32G | Version |
| Order No. | 1787770000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205219 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TSBO 1PG29G | Version |
| Order No. | 1661960000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418496 | |
| Qty. | 1 pc(s). | |

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Accessories

Hood, Cable Entry at top



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 24B TOBO 1M32G | Version |
| Order No. | 1787830000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205271 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B TOBO 1PG29G | Version |
| Order No. | 1662020000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418540 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBO 1PG21G | Version |
| Order No. | 1662080000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418601 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D TOBO 1PG29G | Version |
| Order No. | 1662100000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418625 | |
| Qty. | 1 pc(s). | |