

HDC 64D TOBO 1PG21G**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), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21 |
| Order No. | 1662080000 |
| Type | HDC 64D TOBO 1PG21G |
| GTIN (EAN) | 4008190418601 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Height | 76 mm | Height (inches) | 2.992 inch |
| Width | 55 mm | Width (inches) | 2.165 inch |
| Net weight | 407 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 76 mm |
| Total length housing | 120 mm | Width housing C | 43 mm |

General data

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

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| BG | 8 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | | Design of housing | Cable entry from top, Plug housing |
| | high | | |
| Design of locking system | Side-locking clamp on upper side | Internal thread | PG 21 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 8 | Size of cable entries | PG 21 |
| 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 |

Creation date June 1, 2024 12:38:46 PM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

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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@26d4502b de.myview.objectmodel.impl.BlockImpl@561af5da de.myview.objectmodel.impl.BlockImpl@6c3dce8b de.myview.objectmodel.impl.BlockImpl@5f0120af de.myview.objectmodel.impl.BlockImpl@5b50766c de.myview.objectmodel.impl.BlockImpl@5ae5ecf9 de.myview.objectmodel.impl.BlockImpl@58ae38b8 de.myview.objectmodel.impl.BlockImpl@efc6f5a de.myview.objectmodel.impl.BlockImpl@56c79bff de.myview.objectmodel.impl.BlockImpl@233027fa de.myview.objectmodel.impl.BlockImpl@a72a0dc de.myview.objectmodel.impl.BlockImpl@67198877 de.myview.objectmodel.impl.BlockImpl@debff08 |

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 |
| Technical Documentation | 1662080000 HDC_64D_TOBO_1PG21G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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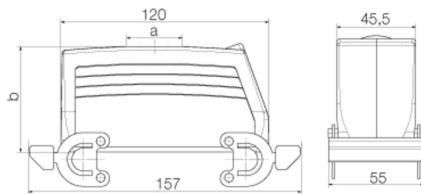
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Drawings



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Accessories

Cover



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General ordering data

| | | |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 24B DODQ 2QB | Version |
| Order No. | 1009100000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on upper side, Standard |
| GTIN (EAN) | 4032248713844 | |
| Qty. | 1 pc(s). | |

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 24B ABO | Version |
| Order No. | 1967910000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on upper side, Standard |
| GTIN (EAN) | 4032248780785 | |
| Qty. | 1 pc(s). | |

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Accessories

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

Base housing



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General ordering data

| | | |
|------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | HDC 64D SDBO 1PG29G | Version |
| Order No. | 1662280000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418809 | |
| Qty. | 1 pc(s). | |
| Type | HDC 24B SDBO 2PG21G | Version |
| Order No. | 1662180000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418700 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D SDBO 2M32G | Version |
| Order No. | 1786920000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204168 | |
| Qty. | 1 pc(s). | |
| Type | HDC 64D SDBO 1M32G | Version |
| Order No. | 1904400000 | HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, high, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248585236 | |
| Qty. | 1 pc(s). | |