

HDC 24D SBU 1PG29G

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: 4, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| Order No. | 1654470000 |
| Type | HDC 24D SBU 1PG29G |
| GTIN (EAN) | 4008190407292 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|----------|----------------------------|------------|
| Depth | 115.7 mm | Depth (inches) | 4.555 inch |
| Height | 74 mm | Height (inches) | 2.913 inch |
| Width | 55.5 mm | Width (inches) | 2.185 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 82 mm |
| Net weight | 351 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|---------|
| Cable entry | w. thread | Height of base B1 | 5 mm |
| Height of housing B | 74 mm | Hole pitch length A2 | 82 mm |
| Total length housing | 73 mm | Width base C1 | 55.5 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 | 4 | 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 | PG 29 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Sealing | NBR | Size | 4 |
| Size of cable entries | PG 29 | 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 | 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 |

| | |
|---------------------|-------------------------|
| Substance | Acetone |
| Chemical resistance | Conditionally resistant |
| Substance | Drilling oil |
| Chemical resistance | Resistant |
| Substance | Diesel |
| Chemical resistance | Resistant |
| Substance | Ethyl alcohol |
| Chemical resistance | Resistant |

Creation date February 28, 2023 5:03:13 PM CET

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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-8d19-0dda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@745c06a3 de.myview.objectmodel.impl.BlockImpl@13d61950 de.myview.objectmodel.impl.BlockImpl@7a55f6d1 de.myview.objectmodel.impl.BlockImpl@58b2770d de.myview.objectmodel.impl.BlockImpl@4ccf1ba6 de.myview.objectmodel.impl.BlockImpl@6f7087f6 de.myview.objectmodel.impl.BlockImpl@3a4617b7 de.myview.objectmodel.impl.BlockImpl@710715ed de.myview.objectmodel.impl.BlockImpl@45a13240 de.myview.objectmodel.impl.BlockImpl@2e054235 de.myview.objectmodel.impl.BlockImpl@247403ed de.myview.objectmodel.impl.BlockImpl@6d15d2f3 de.myview.objectmodel.impl.BlockImpl@216ace23 |

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 |
| Engineering Data | WSCAD |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1654470000_HDC_24D_SBU_1PG29G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |