

HDC 32B SBU 2PG29G

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: 10, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29 |
| Order No. | 1666920000 |
| Type | HDC 32B SBU 2PG29G |
| GTIN (EAN) | 4008190424121 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|----------|----------------------------|------------|
| Depth | 139.4 mm | Depth (inches) | 5.488 inch |
| Height | 79 mm | Height (inches) | 3.11 inch |
| Width | 97 mm | Width (inches) | 3.819 inch |
| Mounting dimension - height | 67 mm | Mounting dimension - width | 112 mm |
| Net weight | 637 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|---------|
| Cable entry | w. thread | Height of base B1 | 5 mm |
| Height of housing B | 79 mm | Hole pitch length A2 | 112 mm |
| Total length housing | 94 mm | Width base C1 | 92.5 mm |
| Width housing C | 82.5 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 | Tightening torque | 2 Nm |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|--------------|
| BG | 10 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | 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 | 2 |
| Sealing | NBR | Size | 10 |
| Size of cable entries | PG 29 | Suitable for ModuPlug® | Yes |
| Tightening torque | 2 Nm | 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 March 1, 2023 2:09:41 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@1d42b274 de.myview.objectmodel.impl.BlockImpl@96bce8c de.myview.objectmodel.impl.BlockImpl@64f9b711 de.myview.objectmodel.impl.BlockImpl@18eeded2 de.myview.objectmodel.impl.BlockImpl@10b70ea9 de.myview.objectmodel.impl.BlockImpl@47ffbd9d de.myview.objectmodel.impl.BlockImpl@6e97cb4c de.myview.objectmodel.impl.BlockImpl@619002 de.myview.objectmodel.impl.BlockImpl@280b04e1 de.myview.objectmodel.impl.BlockImpl@12a24728 de.myview.objectmodel.impl.BlockImpl@42bf339b de.myview.objectmodel.impl.BlockImpl@4ed25a4e de.myview.objectmodel.impl.BlockImpl@3e8e6379 |

Approvals

Approvals



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

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www.weidmueller.com**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 | 1666920000_HDC_32B_SBU_2PG29G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |

Data sheet

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Drawings

