HDC 24D SBU 2PG21G



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, Installation size: 4, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21 |
|------------|--|
| Order No. | <u>1654450000</u> |
| Туре | HDC 24D SBU 2PG21G |
| GTIN (EAN) | 4008190407278 |
| Qty. | 1 items |

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Technical data

Approvals

| Approvals | | period of the last |
|-----------|-------|--------------------|
| | | (=) |
| | (() | IIS DNV |

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

Dimensions and weights

| Depth | 115.7 mm | Depth (inches) | 4.5551 inch |
|-----------------------------|----------|----------------------------|-------------|
| Height | 74 mm | Height (inches) | 2.9134 inch |
| Width | 55.5 mm | Width (inches) | 2.185 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 82 mm |
| Net weight | 353 g | | |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

| RoHS Compliance Status | Compliant without exemption | Compliant without exemption | | |
|------------------------|-----------------------------------|--|--|--|
| REACH SVHC | Potassium perfluorobutane sulfona | Potassium perfluorobutane sulfonate 29420-49-3 | | |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3 | e98b2b24-ba23-41bf-8d19-0dda3647412f | | |
| Chemical resistance | 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 | | |
| | 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 | | |

Creation date 02.12.2025 01:52:06 MEZ

Catalogue status / Drawings 2



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Technical data

| Dimension | าร |
|-----------|----|

| Hole pitch length A2 | 82 mm | Cable entry | w. thread |
|----------------------|-------|---------------------|-----------|
| Width housing C | 43 mm | Width base C1 | 55.5 mm |
| Total length housing | 73 mm | Height of housing B | 74 mm |
| Height of base B1 | 5 mm | | |

General data

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

Version

| Size of cable entries | PG 21 | Top part/bottom part/lid | lower part |
|------------------------------|--------------------|--------------------------------|-------------------------------------|
| Number of cable entry on top | 0 | Number of cable entry sideways | 2 |
| Design of housing | Base housing | Design of locking system | Side-locking clamp on lower side |
| Design | high | Installation size | 4 |
| Cable entry | w. thread | Туре | Base housing |
| Clamp version | Side-locking clamp | Sealing | NBR |
| Internal thread | PG 21 | Colour (RAL) | RAL 7035 |
| BG | 4 | Suitable for ModuPlug® | Yes |
| | | | |

Classifications

| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | 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 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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