

HDC 48B SDLU 1M32G

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: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32 |
| Order No. | 1904150000 |
| Type | HDC 48B SDLU 1M32G |
| GTIN (EAN) | 4032248585700 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|----------|----------------------------|------------|
| Depth | 143 mm | Depth (inches) | 5.63 inch |
| Height | 120 mm | Height (inches) | 4.724 inch |
| Width | 166.2 mm | Width (inches) | 6.543 inch |
| Mounting dimension - height | 106 mm | Mounting dimension - width | 111 mm |
| Net weight | 1,580 g | | |

Temperatures

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

Environmental Product Compliance

| | | |
|---------------------|---------------------|-------------------------|
| REACH SVHC | Lead 7439-92-1 | |
| 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 | |

Dimensions

| | | | |
|----------------------|--------------|----------------------|--------|
| Cable entry | w. threading | Height of base B1 | 10 mm |
| Height of housing B | 120 mm | Hole pitch length A2 | 111 mm |
| Total length housing | 132 mm | Width base C1 | 120 mm |
| Width housing C | 90 mm | | |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------------|--|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection class note | Protection class with secured cover: IP 65 |
| Protection degree | | IP65 (in plugged condition) | Surface finish |
| Tightening torque | 1.2 Nm | | |

Creation date June 1, 2022 3:06:07 PM CEST

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Technical data

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG | 12 | Cable entry | w. threading |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Cover | with cover | Design | Standard |
| Design of cover | with cover | Design of housing | Base housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | M 32 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Sealing | NBR | Size | 12 |
| Size of cable entries | M 32 | Suitable for ModuPlug® | Yes |
| Tightening torque | 1.2 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 |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E92202 |

Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN, WSCAD |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

Data sheet

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Drawings

