

HDC 32A SDBO 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: 7, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: M 32 |
| Order No. | 1903910000 |
| Type | HDC 32A SDBO 1M32G |
| GTIN (EAN) | 4032248586134 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Height | 97 mm | Height (inches) | 3.819 inch |
| Width | 89.2 mm | Width (inches) | 3.512 inch |
| Mounting dimension - height | 46 mm | Mounting dimension - width | 92 mm |
| Net weight | 478 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 | 5 mm |
| Height of housing B | 75 mm | Hole pitch length A2 | 92 mm |
| Total length housing | 82 mm | Width base C1 | 64.5 mm |
| Width housing C | 56 mm | | |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|--|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection class note | Protection class for this version of cover: IP20 |
| Protection degree | | Surface finish | Powder coating |
| Tightening torque | 1.2 Nm | | |

Creation date October 30, 2021 11:47:27 AM CEST

Catalogue status 22.10.2021 / We reserve the right to make technical changes.

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Technical data**Version**

| | | | |
|--------------------------------|--------------|------------------------------|----------------------------------|
| Cable entry | w. threading | Clamp version | Side-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 | Side-locking clamp on upper side |
| Internal thread | M 32 | Number of cable entry on top | 0 |
| Number of cable entry sideways | 1 | Sealing | NBR |
| Size | 7 | Size of cable entries | M 32 |
| Suitable for ModuPlug® | No | 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 | | |

Approvals

Approvals



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

Downloads

| | |
|-----------------------------|--|
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD |
| Product Change Notification | DE - HDC base housings size 16D/32A/32B DE - HDC base housings size 16D/32A/32B |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings

