

**HDC 32A SDBO 2M32G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">1788050000</a>                                                                                                                                                 |
| Type       | HDC 32A SDBO 2M32G                                                                                                                                                         |
| GTIN (EAN) | 4032248205493                                                                                                                                                              |
| 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                  | 444 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           | IP65 (in plugged condition) | Surface finish        | Powder coating                                   |
| Tightening torque           | 1.2 Nm                      |                       |                                                  |

Creation date October 30, 2021 11:47:28 AM CEST

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

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## 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 | 2            | 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

|                                             |                                                                                                                    |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Manufacturer's declaration</a>                                                                         |
| Engineering Data                            | <a href="#">STEP</a>                                                                                               |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                       |
| Product Change Notification                 | <a href="#">DE - HDC base housings size 16D/32A/32B</a><br><a href="#">DE - HDC base housings size 16D/32A/32B</a> |
| Technical Documentation                     | <a href="#">1788050000_HDC_32A_SDBO_2M32G_STP_Blatt_1.pdf</a>                                                      |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                           |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a>                                             |

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## Drawings

