

**HDC 48A SLU 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: 9, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| Order No.  | <a href="#">1788570000</a>                                                                                                                                  |
| Type       | HDC 48A SLU 2M32G                                                                                                                                           |
| GTIN (EAN) | 4032248206100                                                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                                                    |

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## Technical data

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Height                      | 79 mm    | Height (inches)            | 3.11 inch  |
| Width                       | 121.5 mm | Width (inches)             | 4.783 inch |
| Mounting dimension - height | 67 mm    | Mounting dimension - width | 112 mm     |
| Net weight                  | 666 g    |                            |            |

## Temperatures

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

## Environmental Product Compliance

|                     |                                                                |                         |  |
|---------------------|----------------------------------------------------------------|-------------------------|--|
| REACH SVHC          | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |                         |  |
| 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  | 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              |                             | Tightening torque     | 2 Nm                        |

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## Version

|                                |              |                              |                               |
|--------------------------------|--------------|------------------------------|-------------------------------|
| Cable entry                    | w. threading | Clamp version                | End-locking clamp             |
| Colour (RAL)                   | RAL 7035     | Design                       | Standard                      |
| 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 | 2            | Sealing                      | NBR                           |
| Size                           | 9            | Size of cable entries        | M 32                          |
| Suitable for ModuPlug®         | No           | 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 |             |             |

## Approvals

Approvals



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

## Downloads

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Engineering Data        | <a href="#">STEP</a>                                                   |
| Engineering Data        | <a href="#">EPLAN, WSCAD</a>                                           |
| Technical Documentation | <a href="#">1788570000 HDC 48A SLU 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

