

**HDC 48B SLU 1M32G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**IP65**

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, Size of cable entries: M 32 |
| Order No.  | <a href="#">1904190000</a>   |
| Type       | HDC 48B SLU 1M32G  |
| GTIN (EAN) | 4032248585779  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|                             |          |                            |            |
|-----------------------------|----------|----------------------------|------------|
| Depth                       | 143 mm   | Depth (inches)             | 5.63 inch  |
| Height                      | 100 mm   | Height (inches)            | 3.937 inch |
| Width                       | 151.2 mm | Width (inches)             | 5.953 inch |
| Mounting dimension - height | 106 mm   | Mounting dimension - width | 111 mm     |
| Net weight                  | 1,338 g  |                            |            |

## Temperatures

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

## Dimensions

|                      |           |                      |        |
|----------------------|-----------|----------------------|--------|
| Cable entry          | w. thread | Height of base B1    | 10 mm  |
| Height of housing B  | 100 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 degree     | IP65 (in plugged condition) |
| Surface finish              | Powder coating              | Tightening torque     | 1.2 Nm                      |

## Version

|                              |                               |                                |              |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG                           | 12                            | Cable entry                    | w. thread    |
| 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 | 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    | ETIM 9.0    | 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 |

|                     |                         |
|---------------------|-------------------------|
| Substance           | Acetone                 |
| Chemical resistance | Conditionally resistant |
| Substance           | Drilling oil            |
| Chemical resistance | Resistant               |
| Substance           | Diesel                  |
| Chemical resistance | Resistant               |
| Substance           | Ethyl alcohol           |

Creation date July 7, 2024 8:12:14 PM CEST

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|                     |                         |
|---------------------|-------------------------|
| 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                |

**Environmental Product Compliance**

|                     |  |
|---------------------|--|
| REACH SVHC          | Lead 7439-92-1   |
| SCIP                | d447edfa-0214-4f34-b5ba-82eae491b46a   |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@5876825b de.myview.objectmodel.impl.BlockImpl@47e9526c<br>de.myview.objectmodel.impl.BlockImpl@44896a97 de.myview.objectmodel.impl.BlockImpl@63d870cd<br>de.myview.objectmodel.impl.BlockImpl@f5042b7 de.myview.objectmodel.impl.BlockImpl@2271b03<br>de.myview.objectmodel.impl.BlockImpl@d750402 de.myview.objectmodel.impl.BlockImpl@2d8b4379<br>de.myview.objectmodel.impl.BlockImpl@20c3e985 de.myview.objectmodel.impl.BlockImpl@1a86019d<br>de.myview.objectmodel.impl.BlockImpl@3f7643db de.myview.objectmodel.impl.BlockImpl@48114fc7<br>de.myview.objectmodel.impl.BlockImpl@77210881 |

**Approvals**

Approvals



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

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## Technical data

### Downloads

|                             |  |
|-----------------------------|--|
| Engineering Data            | <a href="#">CAD data – STEP</a>  |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</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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## Accessories

## Hood, Cable Entry at top



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 48B TOLU 1M50G         | Version   |
| Order No.  | <a href="#">1788330000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 50  |
| GTIN (EAN) | 4032248205868              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TOLU 1PG29G        | Version   |
| Order No.  | <a href="#">1650980000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190299606              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TOLU 1M32G         | Version   |
| Order No.  | <a href="#">1788350000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32  |
| GTIN (EAN) | 4032248205882              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TOLU 1M40G         | Version   |
| Order No.  | <a href="#">1788340000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40  |
| GTIN (EAN) | 4032248205875              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TOLU 1PG36G        | Version   |
| Order No.  | <a href="#">1651000000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 36 |
| GTIN (EAN) | 4008190299620              |   |
| Qty.       | 1 pc(s).                   |   |

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## Accessories

## Hood, Cable Entry sideways



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|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 48B TSLU 1M32G         | Version   |
| Order No.  | <a href="#">1788320000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205851              | lower side, Standard, Size of cable entries: M 32   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TSLU 1M50G         | Version   |
| Order No.  | <a href="#">1788300000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205837              | lower side, Standard, Size of cable entries: M 50   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TSLU 1M40G         | Version   |
| Order No.  | <a href="#">1788310000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205844              | lower side, Standard, Size of cable entries: M 40   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TSLU 1PG42G        | Version   |
| Order No.  | <a href="#">1670470000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190431556              | lower side, Standard, Size of cable entries: PG 42  |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TSLU 1PG29G        | Version   |
| Order No.  | <a href="#">1650850000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190299453              | lower side, Standard, Size of cable entries: PG 29  |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC 48B TSLU 1PG36G        | Version   |
| Order No.  | <a href="#">1650860000</a> | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190299460              | lower side, Standard, Size of cable entries: PG 36  |
| Qty.       | 1 pc(s).                   |   |