

**HDC 48A TSLU 1M32G****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.

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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**

|            |  |
|------------|--|
| Version    | HDC enclosures, Installation size: 9, Protection degree: IP65, in plugged condition, Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| Order No.  | <a href="#">1788550000</a>   |
| Type       | HDC 48A TSLU 1M32G   |
| GTIN (EAN) | 4032248206087  |
| Qty.       | 1 items  |

## HDC 48A TSLU 1M32G

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 79 mm   | Height (inches) | 3.1102 inch |
| Width      | 82.5 mm | Width (inches)  | 3.248 inch  |
| Net weight | 410 g   |                 |             |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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. thread | Width housing C     | 82.5 mm |
| Total length housing | 94 mm     | Height of housing B | 78 mm   |

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**Technical data****General data**

|                   |                |                             |                             |
|-------------------|----------------|-----------------------------|-----------------------------|
| Tightening torque | 2 Nm           | Housing main material       | diecast aluminium           |
| Surface finish    | Powder coating | Protection degree           | IP65, in plugged condition  |
| EMC housings      | No             | Material of locking element | Stainless steel, rust-proof |

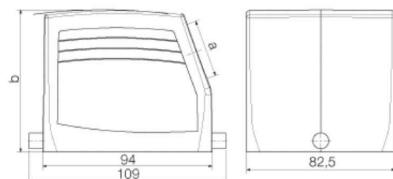
**Version**

|                                |                               |                              |                                     |
|--------------------------------|-------------------------------|------------------------------|-------------------------------------|
| Size of cable entries          | M 32                          | Top part/bottom part/lid     | upper part                          |
| Tightening torque              | 2 Nm                          | Number of cable entry on top | 0                                   |
| Number of cable entry sideways | 1                             | Design of housing            | Cable entry from side, Plug housing |
| Design of locking system       | End-locking clamp, lower side | Design                       | Standard                            |
| Installation size              | 9                             | Cable entry                  | w. thread                           |
| Type                           | Plug                          | Clamp version                | End-locking clamp                   |
| Internal thread                | M 32                          | Colour (RAL)                 | RAL 7035                            |
| BG                             | 9                             | Suitable for ModuPlug®       | No                                  |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

## Drawings



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## Accessories

## Base housing



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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 48A SLU 1PG29G         | Version   |
| Order No.  | <a href="#">1666770000</a> | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4008190423889              | plugged condition, Base housing, End-locking clamp, lower side,   |
| Qty.       | 1 ST                       | Standard, Size of cable entries: PG 29                            |
| Type       | HDC 48A SDLU 1PG29G        | Version   |
| Order No.  | <a href="#">1666810000</a> | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4008190423926              | plugged condition, Base housing, End-locking clamp, lower side,   |
| Qty.       | 1 ST                       | Standard, with cover, Size of cable entries: PG 29                |
| Type       | HDC 48A SLU 2M32G          | Version   |
| Order No.  | <a href="#">1788570000</a> | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4032248206100              | plugged condition, Base housing, End-locking clamp, lower side,   |
| Qty.       | 1 ST                       | Standard, Size of cable entries: M 32                             |

## Bulkhead housing



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**Accessories****General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC 48A ALU                | Version   |
| Order No.  | <a href="#">1666740000</a> | HDC enclosures, Installation size: 9, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190423858              | plugged condition, Bulkhead housing, End-locking clamp, lower side, |
| Qty.       | 1 ST                       | Standard  |
| Type       | HDC 48A ADLU               | Version   |
| Order No.  | <a href="#">1666750000</a> | HDC enclosures, Installation size: 9, Protection degree: IP65, in   |
| GTIN (EAN) | 4008190423865              | plugged condition, Bulkhead housing, End-locking clamp, lower side, |
| Qty.       | 1 ST                       | Standard, with cover  |