

HDC 48A SLU 2M32G**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germanywww.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, Installation size: 9, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| Order No. | 1788570000 |
| Type | HDC 48A SLU 2M32G |
| GTIN (EAN) | 4032248206100 |
| Qty. | 1 items |

HDC 48A SLU 2M32G

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Germany

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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 | 121.5 mm | Width (inches) | 4.7835 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

| | |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3647412f |

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

| | | | |
|----------------------|---------|---------------|-----------|
| Hole pitch length A2 | 112 mm | Cable entry | w. thread |
| Width housing C | 82.5 mm | Width base C1 | 92.5 mm |

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| | | | |
|----------------------|-------|---------------------|-------|
| Total length housing | 94 mm | Height of housing B | 79 mm |
| Height of base B1 | 5 mm | | |

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 | lower part |
| Tightening torque | 2 Nm | Number of cable entry on top | 0 |
| Number of cable entry sideways | 2 | Design of housing | Base housing |
| Design of locking system | End-locking clamp, lower side | Design | Standard |
| Installation size | 9 | Cable entry | w. thread |
| Type | Base housing | Clamp version | End-locking clamp |
| Sealing | NBR | Internal thread | M 32 |
| Colour (RAL) | RAL 7035 | BG | 9 |
| Suitable for ModuPlug® | No | | |

Classifications

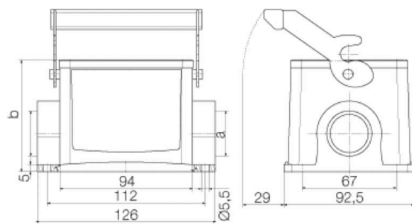
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 9.0 | 27-44-02-02 |
| ECLASS 9.1 | 27-44-02-02 | ECLASS 10.0 | 27-44-02-02 |
| ECLASS 11.0 | 27-44-02-02 | ECLASS 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 | | |

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Drawings



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Accessories

Hood, Cable Entry at top



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 48A TOLU 1PG29G | Version |
| Order No. | 1666730000 | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4008190423841 | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty. | 1 ST | clamp, lower side, Standard, Size of cable entries: PG 29 |
| Type | HDC 48A TOLU 1M32G | Version |
| Order No. | 1788560000 | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4032248206094 | plugged condition, Cable entry from top, Plug housing, End-locking |
| Qty. | 1 ST | clamp, lower side, Standard, Size of cable entries: M 32 |

Hood, Cable Entry sideways



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| | | |
|------------|----------------------------|---|
| Type | HDC 48A TSLU 1PG29G | Version |
| Order No. | 1666710000 | HDC enclosures, Installation size: 9, Protection degree: IP65, in |
| GTIN (EAN) | 4008190448127 | plugged condition, Cable entry from side, Plug housing, End-locking |
| Qty. | 1 ST | clamp, lower side, Standard, Size of cable entries: PG 29 |

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www.weidmueller.com**Accessories**

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