

HDC 48B TOLU 1M50G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 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 |
| Order No. | 1788330000 |
| Type | HDC 48B TOLU 1M50G |
| GTIN (EAN) | 4032248205868 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 151 mm | Depth (inches) | 5.945 inch |
| Height | 94 mm | Height (inches) | 3.701 inch |
| Width | 90 mm | Width (inches) | 3.543 inch |
| Net weight | 722 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Height of housing B | 94 mm |
| Total length housing | 132 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 | Cable entry from top, Plug housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | M 50 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 12 | Size of cable entries | M 50 |
| Suitable for ModuPlug® | Yes | Tightening torque | 1.2 Nm |
| Top part/bottom part/lid | upper part | Type | Plug |

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 |
| Chemical resistance | Resistant |
| Substance | Transmission oil |

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| | |
|---------------------|-------------------------|
| 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@4296c786 de.myview.objectmodel.impl.BlockImpl@501a91d0 de.myview.objectmodel.impl.BlockImpl@4356b148 de.myview.objectmodel.impl.BlockImpl@8ebc0f8 de.myview.objectmodel.impl.BlockImpl@7c359c94 de.myview.objectmodel.impl.BlockImpl@782516d3 de.myview.objectmodel.impl.BlockImpl@e8f246e de.myview.objectmodel.impl.BlockImpl@5835d947 de.myview.objectmodel.impl.BlockImpl@8342fe9 de.myview.objectmodel.impl.BlockImpl@587733b2 de.myview.objectmodel.impl.BlockImpl@2f2cd086 de.myview.objectmodel.impl.BlockImpl@59a5cbc5 de.myview.objectmodel.impl.BlockImpl@7047ec7f |

Approvals

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1788330000 HDC 48B TOLU 1M50G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

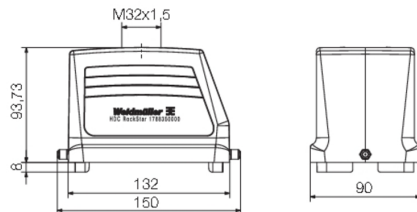
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Drawings



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Accessories

Bulkhead housing



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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 ADLU | Version |
| Order No. | 1222900000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover |
| GTIN (EAN) | 4008190138004 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B ALU | Version |
| Order No. | 1295600000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover |
| GTIN (EAN) | 4050118092066 | |
| Qty. | 1 pc(s). | |

Base housing



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 48B SLU 1PG29G | Version |
| Order No. | 1651100000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190299705 | |
| Qty. | 1 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|---|
| Type | HDC 48B SDLU 2M50G | Version |
| Order No. | 1983510000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 50 |
| GTIN (EAN) | 4032248687770 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SDLU 2M40G | Version |
| Order No. | 1983500000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248687787 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SDLU 2PG29G | Version |
| Order No. | 1667560000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190424763 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SDLU 1PG29G | Version |
| Order No. | 1799810000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29 |
| GTIN (EAN) | 4032248247035 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SLU 1M32G | Version |
| Order No. | 1904190000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248585779 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SLU 2M32G | Version |
| Order No. | 1788370000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205905 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SDLU 1M32G | Version |
| Order No. | 1904150000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248585700 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SLU 2M40G | Version |
| Order No. | 1788360000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248205899 | |
| Qty. | 1 pc(s). | |
| Type | HDC 48B SDLU 2M32G | Version |
| Order No. | 1788390000 | HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205929 | |
| Qty. | 1 pc(s). | |