

HDC 48B TOLU 1M40G**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.

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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: 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 |
| Order No. | 1788340000 |
| Type | HDC 48B TOLU 1M40G |
| GTIN (EAN) | 4032248205875 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 151 mm | Depth (inches) | 5.9449 inch |
| Height | 94 mm | Height (inches) | 3.7008 inch |
| Width | 90 mm | Width (inches) | 3.5433 inch |
| Net weight | 532 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 | 90 mm |
| Total length housing | 132 mm | Height of housing B | 94 mm |

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Technical data**General data**

| | | | |
|-------------------|----------------|-----------------------------|-----------------------------|
| Tightening torque | 1.2 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 40 | Top part/bottom part/lid | upper part |
| Cover | without cover | Tightening torque | 1.2 Nm |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Design of housing | Cable entry from top, Plug housing | Design of locking system | End-locking clamp, lower side |
| Design | Standard | Installation size | 12 |
| Cable entry | w. thread | Type | Plug |
| Clamp version | End-locking clamp | Sealing | no sealing |
| Internal thread | M 40 | Colour (RAL) | RAL 7035 |
| BG | 12 | Suitable for ModuPlug® | Yes |

Classifications

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

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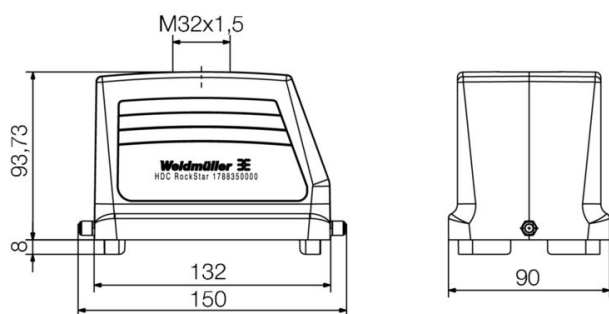
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Drawings



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Accessories

Base housing



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 48B SLU 1PG29G | Version |
| Order No. | 1651100000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4008190299705 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: PG 29 |
| Type | HDC 48B SDLU 2PG29G | Version |
| Order No. | 1667560000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4008190424763 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: PG 29 |
| Type | HDC 48B SLU 2M40G | Version |
| Order No. | 1788360000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205899 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: M 40 |
| Type | HDC 48B SLU 2M32G | Version |
| Order No. | 1788370000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205905 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: M 32 |
| Type | HDC 48B SDLU 2M32G | Version |
| Order No. | 1788390000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205929 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: M 32 |
| Type | HDC 48B SDLU 1PG29G | Version |
| Order No. | 1799810000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248247035 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: PG 29 |
| Type | HDC 48B SDLU 1M32G | Version |
| Order No. | 1904150000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248585700 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: M 32 |
| Type | HDC 48B SLU 1M32G | Version |
| Order No. | 1904190000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248585779 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: M 32 |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC 48B SDLU 2M40G | Version |
| Order No. | 1983500000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248687787 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: M 40 |
| Type | HDC 48B SDLU 2M50G | Version |
| Order No. | 1983510000 | HDC enclosures, Installation size: 12, Protection degree: IP65, in |
| GTIN (EAN) | 4032248687770 | plugged condition, Base housing, End-locking clamp, lower side, |
| Qty. | 1 ST | Standard, with cover, Size of cable entries: M 50 |

Bulkhead housing



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General ordering data

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