

HDC 48B ALU

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, Installation size: 12, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: none |
| Order No. | 1295600000 |
| Type | HDC 48B ALU |
| GTIN (EAN) | 4050118092066 |
| Qty. | 1 items |

Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 168 mm | Depth (inches) | 6.6142 inch |
| Height | 42 mm | Height (inches) | 1.6535 inch |
| Width | 97 mm | Width (inches) | 3.8189 inch |
| Net weight | 506.6 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

| | | | |
|----------------------|--------|---------------|-------|
| Hole pitch length A2 | 148 mm | Cable entry | No |
| Width housing C | 90 mm | Width base C1 | 97 mm |

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|----------------------|--------|---------------------|-------|
| Total length housing | 132 mm | Height of housing B | 42 mm |
| Height of base B1 | 7 mm | | |

General data

| | | | |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

Version

| | | | |
|--------------------------|-------------------------------|--------------------------------|-------------------|
| Number of cable glands | 0 | Size of cable entries | none |
| Top part/bottom part/lid | lower part | Cover | without cover |
| Tightening torque | 1.2 Nm | Number of cable entry sideways | 0 |
| Design of cover | without cover | Design of housing | Bulkhead housing |
| Design of locking system | End-locking clamp, lower side | Design | Standard |
| Installation size | 12 | Cable entry | No |
| Type | Bulkhead (feed-through) | Clamp version | End-locking clamp |
| Sealing | NBR | Colour (RAL) | RAL 7035 |
| BG | 12 | Suitable for ModuPlug® | Yes |

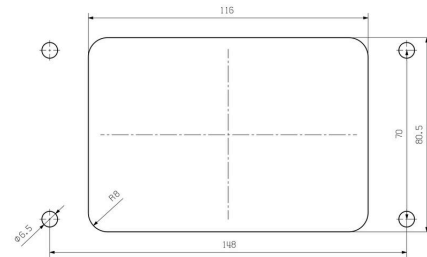
Important note

| | |
|---------------------|---|
| Product information | When mounting the housings, make sure that the flat gasket is correctly seated. |
|---------------------|---|

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 | | |

mounting cutout



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Accessories

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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 1PG29G | Version |
| Order No. | 1650980000 | 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: PG 29 |
| GTIN (EAN) | 4008190299606 | |
| Qty. | 1 ST | |
| Type | HDC 48B TOLU 1PG36G | Version |
| Order No. | 1651000000 | 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: PG 36 |
| GTIN (EAN) | 4008190299620 | |
| Qty. | 1 ST | |
| Type | HDC 48B TOLU 1M50G | Version |
| Order No. | 1788330000 | 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 50 |
| GTIN (EAN) | 4032248205868 | |
| Qty. | 1 ST | |
| Type | HDC 48B TOLU 1M40G | Version |
| Order No. | 1788340000 | 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 |
| GTIN (EAN) | 4032248205875 | |
| Qty. | 1 ST | |
| Type | HDC 48B TOLU 1M32G | Version |
| Order No. | 1788350000 | 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 32 |
| GTIN (EAN) | 4032248205882 | |
| Qty. | 1 ST | |

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Hood, Cable Entry sideways



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General ordering data

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