

HDC 32B ABU

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: 10, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none |
| Order No. | 1217800000 |
| Type | HDC 32B ABU |
| GTIN (EAN) | 4008190148393 |
| Qty. | 1 items |

Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|-----------------------------|-------|----------------------------|-------------|
| Height | 38 mm | Height (inches) | 1.4961 inch |
| Width | 97 mm | Width (inches) | 3.8189 inch |
| Mounting dimension - height | 65 mm | Mounting dimension - width | 110 mm |
| Net weight | 276 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 benzene |
| | 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 | 110 mm | Cable entry | No |
| Width housing C | 82.5 mm | Width base C1 | 89 mm |

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| | | | |
|----------------------|-------|---------------------|-------|
| Total length housing | 94 mm | Height of housing B | 38 mm |
| Height of base B1 | 7 mm | | |

General data

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

Version

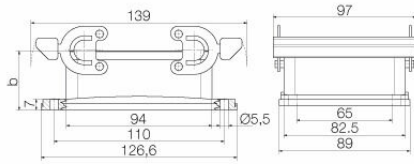
| | | | |
|--------------------------|--------------------|--------------------------------|----------------------------------|
| Number of cable glands | 0 | Size of cable entries | none |
| Top part/bottom part/lid | lower part | Cover | without cover |
| Tightening torque | 2 Nm | Number of cable entry sideways | 0 |
| Design of housing | Bulkhead housing | Design of locking system | Side-locking clamp on lower side |
| Design | Standard | Installation size | 10 |
| Cable entry | No | Type | Bulkhead (feed-through) |
| Clamp version | Side-locking clamp | Sealing | NBR |
| Colour (RAL) | RAL 7035 | BG | 10 |
| Suitable for ModuPlug® | Yes | | |

Classifications

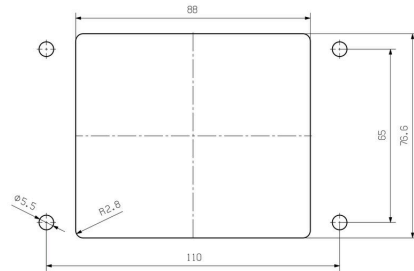
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

Drawings

Drawing



mounting cutout



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Accessories

Housing, cable entry sideways



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General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | HDC 32B TSBU 1PG29G | Version | |
| Order No. | 1666840000 | | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4008190424046 | | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | | clamp on lower side, Standard, Size of cable entries: PG 29 |
| Type | HDC 32B TSBU 1M32G | Version | |
| Order No. | 1788400000 | | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205936 | | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | | clamp on lower side, Standard, Size of cable entries: M 32 |

Housing, cable entry at top



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General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | HDC 32B TOBU 1M40G | Version | |
| Order No. | 1221070000 | | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4032248998180 | | plugged condition, Plug housing, Cable entry from top, Side-locking |
| Qty. | 1 ST | | clamp on lower side, Standard, Size of cable entries: M 40 |

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Accessories

| | | |
|------------|----------------------------|---|
| Type | HDC 32B TOBU 1PG29G | Version |
| Order No. | 1666870000 | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4008190424077 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: PG 29 |
| Type | HDC 32B TOBU 1M32G | Version |
| Order No. | 1788430000 | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205967 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 32 |

Cover



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 32B DODQ 4B0 | Version |
| Order No. | 1165790000 | HDC enclosures, Installation size: 10, Protection degree: IP65, in |
| GTIN (EAN) | 4032248964512 | plugged condition, Cover for lower part of housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: none |