

HDC 24B ABU N

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: 8, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard, Size of cable entries: none |
| Order No. | 2488600000 |
| Type | HDC 24B ABU N |
| GTIN (EAN) | 4050118541533 |
| 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

| | | | |
|-----------------------------|----------|----------------------------|-------------|
| Height | 29.5 mm | Height (inches) | 1.1614 inch |
| Width | 57 mm | Width (inches) | 2.2441 inch |
| Mounting dimension - height | 32 mm | Mounting dimension - width | 130 mm |
| Net weight | 124.96 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 | 130 mm | Cable entry | No |
| Width housing C | 43 mm | Total length housing | 120 mm |
| Height of housing B | 30 mm | | |

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General data

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

Version

| | | | |
|------------------------|--------------------|--------------------------------|----------------------------------|
| Size of cable entries | none | Top part/bottom part/lid | lower part |
| Cover | without cover | 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 | 8 |
| Cable entry | No | Type | Bulkhead (feed-through) |
| Clamp version | Side-locking clamp | Sealing | NBR |
| Colour (RAL) | RAL 7035 | BG | 8 |
| 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 | | |