

HDC 24B ABU BP**Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26
D-32758 Detmold
Germanywww.weidmueller.com

Plastic enclosures are particularly suitable for applications where the resistance of metals is not sufficient. In addition, the enclosures shown here are lighter and slightly cheaper than standard aluminum enclosures. It can therefore make sense to use plastic enclosures in applications where the materials do not need to be as robust. The tightness is still IP65.

General ordering data

| | |
|------------|--|
| Version | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard, Size of cable entries: none |
| Order No. | 3107140000 |
| Type | HDC 24B ABU BP |
| GTIN (EAN) | 4099987172004 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 43 mm | Depth (inches) | 1.6929 inch |
| Height | 30.6 mm | Height (inches) | 1.2047 inch |
| Width | 140 mm | Width (inches) | 5.5118 inch |
| Length | 140 mm | Length (inches) | 5.5118 inch |
| Net weight | 122 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% |

Dimensions

Cable entry No

General data

| | | | |
|-----------------------------|----------------------------|-----------------------|-----------|
| UL 94 flammability rating | V-0 | Housing main material | Polyamide |
| Protection degree | IP65, in plugged condition | EMC housings | No |
| Material of locking element | Polyamide | | |

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, Side-locking clamp not replaceable |
| Design | Standard | Installation size | 8 |
| Cable entry | No | Type | Bulkhead (feed-through) |
| Clamp version | Side-locking clamp | Sealing | NBR |
| Internal thread | M 32 | Colour (RAL) | RAL 9005 |
| BG | 8 | Suitable for ModuPlug® | Yes |

Classifications

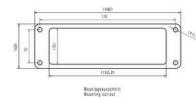
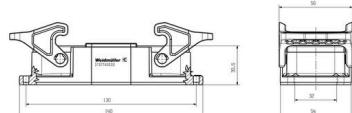
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings



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Accessories

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 64D TSBU 1M32 BP | Version |
| Order No. | 3119670000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4099987253598 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32, M 40 |
| Type | HDC 64D TSBU 1M50 BP | Version |
| Order No. | 3107210000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4099987172141 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 50 |

Hood, Cable Entry at top



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 64D TOBU 1M32 BP | Version |
| Order No. | 3164320000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4099987800501 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32, M 25 |

Size 8



The PUSH IN connection is a direct-insert method of connection. The preprocessed wire can be inserted directly into the wire connection without the need for any tools.

Number of poles: 24

Rated current: 16 A

Rated voltage: 500 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

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Accessories

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General ordering data

| Type | HDC HE 24 FP | Version |
|------------|----------------------------|--|
| Order No. | 1873580000 | HDC insert, Female, 500 V, 16 A, Number of poles: 24, PUSH IN, |
| GTIN (EAN) | 4032248458196 | Installation size: 8 |
| Qty. | 1 ST | |
| Type | HDC HE 24 MP | Version |
| Order No. | 1873590000 | HDC insert, Male, 500 V, 16 A, Number of poles: 24, PUSH IN, |
| GTIN (EAN) | 4032248458202 | Installation size: 8 |
| Qty. | 1 ST | |