

HDC 24B SBU 2M32 BP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.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, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: 2*M32, M 32, M 40 |
| Order No. | 3164440000 |
| Type | HDC 24B SBU 2M32 BP |
| GTIN (EAN) | 4099987800747 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|-------------|
| Depth | 159 mm | Depth (inches) | 6.2598 inch |
| Height | 81.7 mm | Height (inches) | 3.2165 inch |
| Width | 57 mm | Width (inches) | 2.2441 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 132 mm |
| Net weight | 275 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

| | | | |
|----------------------|--------|---------------------|-----------|
| Hole pitch length A2 | 132 mm | Cable entry | w. thread |
| Width housing C | 43 mm | Width base C1 | 57 mm |
| Total length housing | 159 mm | Height of housing B | 64 mm |
| Height of base B1 | 5 mm | | |

General data

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

Version

| | | | |
|--------------------------------|----------------------------------|------------------------------|--------------------|
| Size of cable entries | 2*M32, M 32, M 40 | Top part/bottom part/lid | lower part |
| Cover | without cover | Number of cable entry on top | 0 |
| Number of cable entry sideways | 2 | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on lower side | Design | Standard |
| Installation size | 8 | Cable entry | w. thread |
| Type | Base housing | Clamp version | Side-locking clamp |
| Sealing | NBR | Colour (RAL) | RAL 9011 |
| BG | 8 | Suitable for ModuPlug® | No |

Classifications

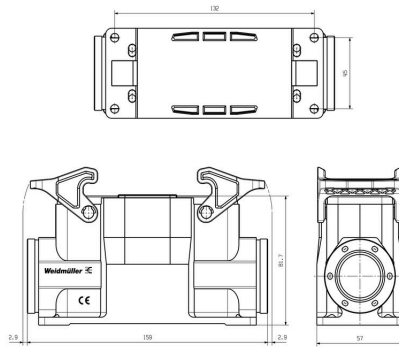
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings



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Accessories

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 64D TSB 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 TSB 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

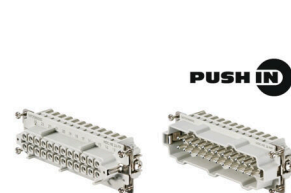


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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 64D TOB 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

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 | |

IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | VG M50 - K 68 | Version |
| Order No. | 1772340000 | VG K (standard plastic cable gland), Cable glands, straight, M 50, 18 |
| GTIN (EAN) | 4032248130009 | mm, OD min. 30 - OD max. 38 mm, IP54, IP66, IP67, IP68 - 5 bar (30 |
| Qty. | 10 ST | min.), Polyamide 6 |