

HDC 24B TOBU 1M25G

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, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| Order No. | 1787820000 |
| Type | HDC 24B TOBU 1M25G |
| GTIN (EAN) | 4032248205264 |
| 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

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 93.3 mm | Depth (inches) | 3.6732 inch |
| Height | 63 mm | Height (inches) | 2.4803 inch |
| Width | 59 mm | Width (inches) | 2.3228 inch |
| Net weight | 276 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

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Width housing C | 43 mm |
| Total length housing | 120 mm | Height of housing B | 63 mm |

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Technical data

General data

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

Version

| | | | |
|--------------------------------|----------------------------------|------------------------------|------------------------------------|
| Size of cable entries | M 25 | Top part/bottom part/lid | upper part |
| Cover | without cover | Number of cable entry on top | 1 |
| Number of cable entry sideways | 0 | Design of housing | Cable entry from top, Plug housing |
| Design of locking system | Side-locking clamp on lower side | Design | Standard |
| Installation size | 8 | Cable entry | w. thread |
| Type | Plug | Clamp version | Side-locking clamp |
| Sealing | no sealing | Internal thread | M 25 |
| Colour (RAL) | RAL 7035 | 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

Cover



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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 24B DMDQ 2QB | Version | |
| Order No. | 1665640000 | | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4008190422660 | | plugged condition, Cover for upper part of housing, Side-locking |
| Qty. | 1 ST | | clamp on lower side, Standard, Size of cable entries: none |
| Type | HDC 24B DMDQ 2QB N | Version | |
| Order No. | 2559760000 | | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118676754 | | plugged condition, Cover for upper part of housing, Side-locking |
| Qty. | 1 ST | | clamp on lower side, Standard, Size of cable entries: none |

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Counterpart

Bulkhead housing



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 24B ABU | Version |
| Order No. | 1212400000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4008190083939 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Side-locking clamp not replaceable, Standard, Size of cable entries: none |
| Type | HDC 24B ABU N | Version |
| Order No. | 2488600000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118541533 | plugged condition, Bulkhead housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: none |

Coupling hood



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 24B KBU 1M25G | Version |
| Order No. | 1787920000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205363 | plugged condition, Coupling housing, Side-locking clamp on lower |
| Qty. | 1 ST | side, Standard, Size of cable entries: M 25 |

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Counterpart

| | | |
|------------|----------------------------|---|
| Type | HDC 24B KBU 1PG21G | Version |
| Order No. | 1661720000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418274 | |
| Qty. | 1 ST | |
| Type | HDC 24B KBU 1PG29G | Version |
| Order No. | 1661730000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418281 | |
| Qty. | 1 ST | |
| Type | HDC 64D KBU 1M32G | Version |
| Order No. | 1786960000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204205 | |
| Qty. | 1 ST | |
| Type | HDC 64D KBU 1PG29G | Version |
| Order No. | 1661810000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190418359 | |
| Qty. | 1 ST | |

Base housing



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 24B SBU 1M25G | Version |
| Order No. | 1901150000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248521258 | |
| Qty. | 1 ST | |
| Type | HDC 24B SBU 1M25G N | Version |
| Order No. | 2560960000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4050118673227 | |
| Qty. | 1 ST | |
| Type | HDC 24B SBU 1PG21G | Version |
| Order No. | 1661510000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190418069 | |
| Qty. | 1 ST | |
| Type | HDC 24B SBU 1PG21G N | Version |
| Order No. | 2560750000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4050118676747 | |
| Qty. | 1 ST | |

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Counterpart

| | | |
|------------|----------------------------|--|
| Type | HDC 24B SBU 2M25G | Version |
| Order No. | 1787870000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205318 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: M 25 |
| Type | HDC 24B SBU 2PG21G | Version |
| Order No. | 1661520000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4008190418076 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: PG 21 |
| Type | HDC 24B SBU 2M25G N | Version |
| Order No. | 2560970000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118676730 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | Standard, Size of cable entries: M 25 |
| Type | HDC 64D SBU 1M25G | Version |
| Order No. | 1904340000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248585601 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 25 |
| Type | HDC 64D SBU 1M32G | Version |
| Order No. | 1904350000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248585298 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |
| Type | HDC 64D SBU 1M32G N | Version |
| Order No. | 2561050000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118680195 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |
| Type | HDC 64D SBU 2M25G | Version |
| Order No. | 1786890000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204137 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 25 |
| Type | HDC 64D SBU 2M25G N | Version |
| Order No. | 2561060000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118680508 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |
| Type | HDC 64D SBU 2M32G | Version |
| Order No. | 1786880000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204120 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |
| Type | HDC 64D SBU 2M32G N | Version |
| Order No. | 2550540000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4064675005087 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |
| Type | HDC 64D SBU 2PG21G | Version |
| Order No. | 1661590000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4008190418144 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: PG 21 |
| Type | HDC 64D SBU 2PG29G | Version |
| Order No. | 1661630000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4008190418182 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: PG 29 |
| Type | HDC 64D SBU 2PG29G N | Version |
| Order No. | 2560790000 | HDC enclosures, Installation size: 8, Protection degree: IP65, in |
| GTIN (EAN) | 4050118894103 | plugged condition, Base housing, Side-locking clamp on lower side, |
| Qty. | 1 ST | high, Size of cable entries: M 32 |