

HDC 40D SBU 1PG29G N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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: 6, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21 |
| Order No. | 2560770000 |
| Type | HDC 40D SBU 1PG29G N |
| GTIN (EAN) | 4050118893595 |
| 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 | 117 mm | Depth (inches) | 4.6063 inch |
| Height | 84 mm | Height (inches) | 3.3071 inch |
| Width | 57 mm | Width (inches) | 2.2441 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 105 mm |
| Net weight | 449 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 | 105 mm | Cable entry | w. thread |
| Width housing C | 43 mm | Width base C1 | 56.5 mm |

Creation date 03.12.2025 12:57:17 MEZ

Catalogue status / Drawings

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| | | | |
|----------------------|---------|---------------------|-------|
| Total length housing | 93.3 mm | Height of housing B | 84 mm |
| Height of base B1 | 5 mm | | |

General data

| | | | |
|-----------------------------|----------------------------------------|----------------|----------------|
| Housing main material | diecast aluminium | Surface finish | Powder coating |
| Protection degree | IP65, in plugged condition | EMC housings | No |
| Material of locking element | Polyamide, Stainless steel, rust-proof | | |

Version

| | | | |
|--------------------------------|----------------------------------|------------------------------|--------------------|
| Size of cable entries | PG 21 | Top part/bottom part/lid | lower part |
| Cover | without cover | Number of cable entry on top | 0 |
| Number of cable entry sideways | 1 | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on lower side | Design | high |
| Installation size | 6 | Cable entry | w. thread |
| Type | Base housing | Clamp version | Side-locking clamp |
| Sealing | NBR | Internal thread | PG 21 |
| Colour (RAL) | RAL 7035 | BG | 6 |
| 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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Accessories

Hood, Cable Entry sideways



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General ordering data

| | | |
|------------|----------------------------|----------------------------------------------------------------------|
| Type | HDC 16B TSB 1PG21G | Version |
| Order No. | 1656480000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409494 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: PG 21 |
| Type | HDC 40D TSB 1PG21G | Version |
| Order No. | 1656520000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409531 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 21 |
| Type | HDC 40D TSB 1PG29G | Version |
| Order No. | 1656540000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409555 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 29 |
| Type | HDC 40D TSB 1M32G | Version |
| Order No. | 1787000000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204243 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32 |
| Type | HDC 40D TSB 1M25G | Version |
| Order No. | 1787010000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204250 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TSB 1M25G | Version |
| Order No. | 1788180000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205714 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 25 |
| Type | HDC 16B TSB 1M40G | Version |
| Order No. | 1809620000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248284979 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 40 |
| Type | HDC 40D TSB 1M40G | Version |
| Order No. | 1904800000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248521852 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 40 |

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Accessories

Hood, Cable Entry at top



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General ordering data

| | | |
|------------|----------------------------|---------------------------------------------------------------------|
| Type | HDC 40D TOBU 2M25 | Version |
| Order No. | 1208380000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248100248 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TOBU 1PG21G | Version |
| Order No. | 1656590000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409609 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: PG 21 |
| Type | HDC 40D TOBU 1PG21G | Version |
| Order No. | 1656630000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409647 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 21 |
| Type | HDC 40D TOBU 1PG29G | Version |
| Order No. | 1656650000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409661 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 29 |
| Type | HDC 40D TOBU 1M32G | Version |
| Order No. | 1787060000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204304 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32 |
| Type | HDC 40D TOBU 1M25G | Version |
| Order No. | 1787070000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204410 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TOBU 1M25G | Version |
| Order No. | 1788210000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205745 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 25 |

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www.weidmueller.com**Accessories****Cover**

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| | | |
|------------|----------------------------|-------------------------------------------------------------------|
| Type | HDC 16B DODQ 4B0 | Version |
| Order No. | 1665260000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421960 | plugged condition, Cover for lower part of housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: none |