

HDC enclosures HDC 16B TOBU 1PG21G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

| | |
|------------|--|
| Type | HDC 16B TOBU 1PG21G |
| Order No. | 1656590000 |
| Version | HDC enclosures, Size: 6, Protection degree: IP65, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190409609 |
| Qty. | 1 pc(s). |

Data sheet

HDC enclosures HDC 16B TOBU 1PG21G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 57.8 mm | Width (inches) | 2.276 inch |
| Height | 61 mm | Height (inches) | 2.402 inch |
| Depth | 93.3 mm | Depth (inches) | 3.673 inch |
| Net weight | 224 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Dimensions

| | | | |
|----------------------|--------------|---------------------|-------|
| Cable entry | w. threading | Height of housing B | 61 mm |
| Total length housing | 93.3 mm | Width housing C | 43 mm |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|-------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP65 |
| Surface finish | Powder coating | Tightening torque | 1.2 Nm |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|------------------------------------|
| Cable entry | w. threading | Clamp version | Side-locking clamp |
| Design | Standard | Design of housing | Cable entry from top, Plug housing |
| Design of locking system | Side-locking clamp on lower side | Internal thread | PG 21 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Size | 6 | Size of cable entries | PG 21 |
| Suitable for ModuPlug® | No | Tightening torque | 1.2 Nm |
| Top part/bottom part/lid | upper part | Type | Plug |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000437 | ETIM 7.0 | EC000437 |
| eClass 9.0 | 27-44-02-02 | eClass 9.1 | 27-44-02-02 |
| eClass 10.0 | 27-44-02-02 | UNSPSC | 30-21-18-01 |

Approvals

Approvals



ROHS Conform

Data sheet**HDC enclosures
HDC 16B TOBU 1PG21G**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Downloads**

| | |
|-------------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |
| Technical Documentation | 1656590000_HDC_16B_TOBU_1PG21G_STP_Blatt_1.pdf |

Data sheet

**HDC enclosures
HDC 16B TOBU 1PG21G**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

