

HDC 16B TOBU 1PG21G

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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: 6, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	1656590000
Type	HDC 16B TOBU 1PG21G
GTIN (EAN)	4008190409609
Qty.	1 items

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Technical data

Approvals

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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	61 mm	Height (inches)	2.4016 inch
Width	57.8 mm	Width (inches)	2.2756 inch
Net weight	196.24 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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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	93.3 mm	Height of housing B	61 mm

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Technical data

General data

Housing main material	diecast aluminium
Protection degree	IP65, in plugged condition
Material of locking element	Stainless steel, rust-proof

Surface finish	Powder coating
EMC housings	No

Version

Size of cable entries	PG 21
Cover	without cover
Number of cable entry sideways	0
Design of locking system	Side-locking clamp on lower side
Installation size	6
Type	Plug
Sealing	no sealing
Colour (RAL)	RAL 7035
Suitable for ModuPlug®	No

Top part/bottom part/lid	upper part
Number of cable entry on top	1
Design of housing	Cable entry from top, Plug housing
Design	Standard
Cable entry	w. thread
Clamp version	Side-locking clamp
Internal thread	PG 21
BG	6

Classifications

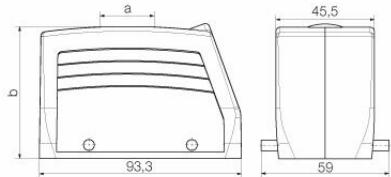
ETIM 8.0	EC000437
ETIM 10.0	EC000437
ECLASS 15.0	27-44-02-02

ETIM 9.0	EC000437
ECLASS 14.0	27-44-02-02

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Drawings

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Accessories**Cover**

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General ordering data

Type	HDC 16B DMDQ 2QB	Version
Order No.	1665270000	HDC enclosures, Installation size: 6, Protection degree: IP65, in
GTIN (EAN)	4008190421977	plugged condition, Cover for upper part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none