

HDC 16B TSBO 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 side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 21
Order No.	1657380000
Type	HDC 16B TSBO 1PG21G
GTIN (EAN)	4008190410438
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	55 mm	Width (inches)	2.1654 inch
Net weight	287 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f

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

Version

Size of cable entries	PG 21	Top part/bottom part/lid	upper part
Cover	without cover	Number of cable entry on top	0
Number of cable entry sideways	1	Design of housing	Cable entry from side, Plug housing
Design of locking system	Side-locking clamp on upper side	Design	Standard
Installation size	6	Cable entry	w. thread
Type	Plug	Clamp version	Side-locking clamp
Sealing	no sealing	Internal thread	PG 21
Colour (RAL)	RAL 7035	BG	6
Suitable for ModuPlug®	No		

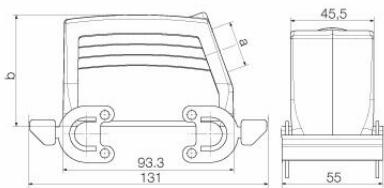
Classifications

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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General ordering data

Type	HDC 16B DMDQ 4BO	Version
Order No.	1665620000	HDC enclosures, Installation size: 6, Protection degree: IP65, in
GTIN (EAN)	4008190422646	plugged condition, Cover for upper part of housing, Side-locking
Qty.	1 ST	clamp on upper side, Standard, Size of cable entries: none