

## HDC 16B SBU 1PG21G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	<a href="#">1656720000</a>
Type	HDC 16B SBU 1PG21G
GTIN (EAN)	4008190409739
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	64 mm	Height (inches)	2.52 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	366 g	Width	56.5 mm
Width (inches)	2.224 inch		

### Temperatures

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

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3	
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. threading	Height of base B1	5 mm
Height of housing B	64 mm	Hole pitch length A2	105 mm
Total length housing	93.3 mm	Width base C1	56.5 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 (in plugged condition)
Surface finish		Powder coating	Tightening torque

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**Technical data****Version**

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

**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	ECLASS 11.0	27-44-02-02

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E92202

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Technical Documentation	<a href="#">1656720000_HDC_16B_SBU_1PG21G_STP_Blatt_1.pdf</a>

**Data sheet**

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**Drawings**

