

## HDC enclosures HDC 16B SDBO 2PG21G

**Weidmüller Interface GmbH & Co. KG**  
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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 SDBO 2PG21G
Order No.	<a href="#">1657640000</a>
Version	HDC enclosures, Size: 6, Protection degree: IP65, Closed base, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21
GTIN (EAN)	4008190410698
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Width	77.5 mm	Width (inches)	3.051 inch
Height	82 mm	Height (inches)	3.228 inch
Mounting dimension - width	105 mm	Mounting dimension - height	45 mm
Net weight	374 g		

**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
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**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 class note	Protection class for this version of cover: IP20
Protection degree	IP65	Surface finish	Powder coating
Tightening torque	1.2 Nm		

**Version**

Cable entry	w. threading	Clamp version	Side-locking clamp
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Closed base
Design of locking system	Side-locking clamp on upper side	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	2
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	UNSPSC	30-21-18-01

**Data sheet****HDC enclosures  
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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 3 HDC 17/18 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Technical Documentation	<a href="#">1657640000_HDC_16B_SDBO_2PG21G_STP_Blatt_1.pdf</a>

**Data sheet**

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**Drawings**

