

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 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**

HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base hous- ing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
<u>1799810000</u>
HDC 48B SDLU 1PG29G
4032248247035
1 items

1

Catalogue status / Drawings



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# **Technical data**

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Approvals



ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E92202

## **Dimensions and weights**

Depth	143 mm	Depth (inches)	5.6299 inch
Height	120 mm	Height (inches)	4.7244 inch
Width	166.2 mm	Width (inches)	6.5433 inch
Mounting dimension - height	106 mm	Mounting dimension - width	111 mm
Net weight	1397.44 g		

### **Temperatures**

Limit temperature -40 °C ... 125 °C

# **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**

Hole pitch length A2	111 mm	Cable entry	w. thread
Width housing C	90 mm	Width base C1	120 mm

Creation date 02.12.2025 02:07:37 MEZ

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# **Technical data**

Total length housing	132 mm	Height of housing B	120 mm
Height of base B1	10 mm		
General data			
	4.0.11		
Tightening torque	1.2 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
Protection class note	Protection class with secured cover: IP 65	EMC housings	No
Material of locking element	Stainless steel, rust-proof		
Version	,		
Size of cable entries	PG 29	Top part/bottom part/lid	lower part
Cover	with cover	Tightening torque	1.2 Nm
			1.2 IVIII
Number of cable entry on top	0	Number of cable entry sideways	
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Design	Standard
Installation size	12	Cable entry	w. thread
Туре	Base housing	Clamp version	End-locking clamp
Sealing	NBR	Internal thread	PG 29
Colour (RAL)	RAL 7035	BG	12
Suitable for ModuPlug®	Yes		
Classifications			
ETIM C O	50000407	ETIM 7.0	F0000407
ETIM 6.0	EC000437	ETIM 7.0	EC000437

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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# **Drawings**

