

#### 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: 6, Protection degree: IP65, in plugged condition, Base hous- ing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25
<u>1788270000</u>
HDC 16B SDLU 2M25G
4032248205806
1 items

1

Catalogue status / Drawings





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# **Technical data**

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Approvals ( C C SU\* US

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

### **Dimensions and weights**

Height	82 mm	Height (inches)	3.2283 inch
Width	99.5 mm	Width (inches)	3.9173 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	440 g		

#### **Temperatures**

Limit temperature -40 °C ... 125 °C

#### **Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption			
REACH SVHC	Potassium perfluorobutane sulfonat	Potassium perfluorobutane sulfonate 29420-49-3		
SCIP	e98b2b24-ba23-41bf-8d19-0dda3	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**

Hole pitch length A2	105 mm	Cable entry	w. thread
Width housing C	43 mm	Width base C1	56.5 mm

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27-44-02-02

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# **Technical data**

Total length housing	93.3 mm	Height of housing B	82 mm
Height of base B1	5 mm		
General data			
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	M 25	Top part/bottom part/lid	lower part
Cover	with cover	Number of cable entry on top	0
Number of cable entry sideways	2	Design of cover	with cover
Design of housing	Base housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	6
Cable entry	w. thread	Type	Base housing
Clamp version	End-locking clamp	Sealing	NBR
Internal thread	M 25	Colour (RAL)	RAL 7035
BG	6	Suitable for ModuPlug®	No
Classifications			
ETIM 6.0	EC000437	FTIM 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 14.0

27-44-02-02

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ECLASS 13.0

ECLASS 15.0

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# **Drawings**

