

HDC 48B SDLU 2M50G

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

Version	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 50
Order No.	1983510000
Type	HDC 48B SDLU 2M50G
GTIN (EAN)	4032248687770
Qty.	1 items

HDC 48B SDLU 2M50G

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

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	1445 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
Total length housing	132 mm	Height of housing B	120 mm
Height of base B1	10 mm		

HDC 48B SDLU 2M50G

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

General data

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	M 50	Top part/bottom part/lid	lower part
Cover	with cover	Tightening torque	1.2 Nm
Number of cable entry on top	0	Number of cable entry sideways	1
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
Type	Base housing	Clamp version	End-locking clamp
Sealing	NBR	Internal thread	M 50
Colour (RAL)	RAL 7035	BG	12
Suitable for ModuPlug®	Yes		

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		

HDC 48B SDLU 2M50G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com

