

HDC 48B SDLU 1M32G**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, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32
Order No.	1904150000
Type	HDC 48B SDLU 1M32G
GTIN (EAN)	4032248585700
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	143 mm	Depth (inches)	5.63 inch
Height	120 mm	Height (inches)	4.724 inch
Width	166.2 mm	Width (inches)	6.543 inch
Mounting dimension - height	106 mm	Mounting dimension - width	111 mm
Net weight	1,580 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Dimensions

Cable entry	w. thread	Height of base B1	10 mm
Height of housing B	120 mm	Hole pitch length A2	111 mm
Total length housing	132 mm	Width base C1	120 mm
Width housing C	90 mm		

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	1.2 Nm		

Version

BG	12	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 32
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	12
Size of cable entries	M 32	Suitable for ModuPlug®	Yes
Tightening torque	1.2 Nm	Top part/bottom part/lid	lower part
Type	Base housing		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	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

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel

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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

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

SCIP d447edfa-0214-4f34-b5ba-82eae491b46a

Chemical resistance de.myview.objectmodel.impl.BlockImpl@63663871 de.myview.objectmodel.impl.BlockImpl@64aff80b
 de.myview.objectmodel.impl.BlockImpl@52dc2813 de.myview.objectmodel.impl.BlockImpl@73e757b3
 de.myview.objectmodel.impl.BlockImpl@21104c0e de.myview.objectmodel.impl.BlockImpl@3a648787
 de.myview.objectmodel.impl.BlockImpl@94bac68 de.myview.objectmodel.impl.BlockImpl@4058283d
 de.myview.objectmodel.impl.BlockImpl@638b7c04 de.myview.objectmodel.impl.BlockImpl@7dcd974d
 de.myview.objectmodel.impl.BlockImpl@29315c70 de.myview.objectmodel.impl.BlockImpl@282990ab
 de.myview.objectmodel.impl.BlockImpl@107ab2f6

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

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Technical data

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

