

HDC 16B SBO 2M32G**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: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32
Order No.	2454650000
Type	HDC 16B SBO 2M32G
GTIN (EAN)	4050118472219
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	117 mm	Depth (inches)	4.606 inch
Height	64 mm	Height (inches)	2.52 inch
Width	56.5 mm	Width (inches)	2.224 inch
Net weight	262 g		

Temperatures

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

Cable entry	w. thread
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General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element		Protection class note	Protection class for this version of cover: IP20
Protection degree	Stainless steel, rust-proof IP65 (in plugged condition)	Surface finish	Powder coating

Version

BG	6	Cable entry	w. thread
Colour (RAL)	RAL 7035	Cover	without cover
Design	Standard	Design of housing	Base housing
Design of locking system	Side-locking clamp on upper side	Internal thread	M 32
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	6
Size of cable entries	M 32	Top part/bottom part/lid	lower part

Classifications

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		

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

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@2468bcb6 de.myview.objectmodel.impl.BlockImpl@2045861c de.myview.objectmodel.impl.BlockImpl@5809253a de.myview.objectmodel.impl.BlockImpl@6a5fe643 de.myview.objectmodel.impl.BlockImpl@bb36ab2 de.myview.objectmodel.impl.BlockImpl@7ca78be de.myview.objectmodel.impl.BlockImpl@16fbad88 de.myview.objectmodel.impl.BlockImpl@3033cea de.myview.objectmodel.impl.BlockImpl@137530c2 de.myview.objectmodel.impl.BlockImpl@472eb59a de.myview.objectmodel.impl.BlockImpl@c72c71a de.myview.objectmodel.impl.BlockImpl@160c5e12 de.myview.objectmodel.impl.BlockImpl@2c458f31

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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Drawings

