

HDC 24B SDBO 2PG21G**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: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21
Order No.	1662180000
Type	HDC 24B SDBO 2PG21G
GTIN (EAN)	4008190418700
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	86 mm	Height (inches)	3.386 inch
Width	76.8 mm	Width (inches)	3.024 inch
Mounting dimension - height	45 mm	Mounting dimension - width	132 mm
Net weight	444 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	64 mm	Hole pitch length A2	132 mm
Total length housing	120 mm	Width base C1	57.5 mm
Width housing C	43 mm		

General data

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

Version

BG	8	Cable entry	w. thread
Clamp version	Side-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	Side-locking clamp on upper side	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	8
Size of cable entries	PG 21	Suitable for ModuPlug®	No
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
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

Creation date May 11, 2025 6:56:30 PM CEST

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Technical data

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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@63b5e156 de.myview.objectmodel.impl.BlockImpl@2fd58309 de.myview.objectmodel.impl.BlockImpl@635828df de.myview.objectmodel.impl.BlockImpl@31821076 de.myview.objectmodel.impl.BlockImpl@7d71f841 de.myview.objectmodel.impl.BlockImpl@7ebff12d de.myview.objectmodel.impl.BlockImpl@5c8330f5 de.myview.objectmodel.impl.BlockImpl@7da39ab3 de.myview.objectmodel.impl.BlockImpl@fe2d6b6 de.myview.objectmodel.impl.BlockImpl@e5568fe de.myview.objectmodel.impl.BlockImpl@4b14f559 de.myview.objectmodel.impl.BlockImpl@2a03888a de.myview.objectmodel.impl.BlockImpl@33cdbc1a

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

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1662180000 HDC_24B_SDBO_2PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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Drawings

