

HDC 64D SDBO 1M32G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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, high, with cover, Size of cable entries: M 32
Order No.	1904400000
Type	HDC 64D SDBO 1M32G
GTIN (EAN)	4032248585236
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	106 mm	Height (inches)	4.173 inch
Width	76.8 mm	Width (inches)	3.024 inch
Mounting dimension - height	45 mm	Mounting dimension - width	132 mm
Net weight	568 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	84 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	high
Design of cover	with cover	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	1
Sealing	NBR	Size	8
Size of cable entries	M 32	Suitable for ModuPlug®	Yes
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
ECLASS 14.0	27-44-02-02		

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

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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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@20f5d71e de.myview.objectmodel.impl.BlockImpl@4be053c5 de.myview.objectmodel.impl.BlockImpl@7818be06 de.myview.objectmodel.impl.BlockImpl@485c93f6 de.myview.objectmodel.impl.BlockImpl@461ff0c4 de.myview.objectmodel.impl.BlockImpl@f28fdb9 de.myview.objectmodel.impl.BlockImpl@32fd9ad4 de.myview.objectmodel.impl.BlockImpl@1e927c5e de.myview.objectmodel.impl.BlockImpl@27b22698 de.myview.objectmodel.impl.BlockImpl@6f3fd2e2 de.myview.objectmodel.impl.BlockImpl@31caceeb de.myview.objectmodel.impl.BlockImpl@3cb72400 de.myview.objectmodel.impl.BlockImpl@a8753e8
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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Technical data

Downloads

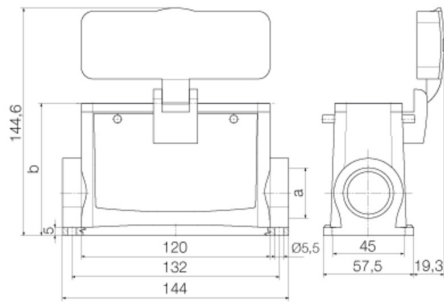
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1904400000 HDC_64D_SDBO_1M32G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 64D TSBO 1M32G	Version
Order No.	1786790000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204038	
Qty.	1 pc(s).	
Type	HDC 24B TSBO 1M32G	Version
Order No.	1787770000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205219	
Qty.	1 pc(s).	
Type	HDC 24B TSBO 1M25G	Version
Order No.	1787780000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205226	
Qty.	1 pc(s).	
Type	HDC 64D TSBO 1PG29G	Version
Order No.	1661960000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190418496	
Qty.	1 pc(s).	
Type	HDC 24B TSBO 1PG21G	Version
Order No.	1661860000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190418397	
Qty.	1 pc(s).	
Type	HDC 64D TSBO 1PG21G	Version
Order No.	1661940000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190418472	
Qty.	1 pc(s).	
Type	HDC 64D TSBO 1M25G	Version
Order No.	1786800000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204045	
Qty.	1 pc(s).	
Type	HDC 24B TSBO 1PG29G	Version
Order No.	1661880000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190418410	
Qty.	1 pc(s).	

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Accessories

Cover



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General ordering data

Type	HDC 24B DODQ 2QB	Version
Order No.	1009100000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on upper side, Standard
GTIN (EAN)	4032248713844	
Qty.	1 pc(s).	

Hood, Cable Entry at top



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General ordering data

Type	HDC 64D TOBO 1PG21G	Version
Order No.	1662080000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190418601	
Qty.	1 pc(s).	
Type	HDC 24B TOBO 1PG29G	Version
Order No.	1662020000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190418540	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	HDC 24B TOBO 1M32G	Version
Order No.	1787830000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205271	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, Standard, Size of cable entries: M 32
Type	HDC 64D TOBO 1PG29G	Version
Order No.	1662100000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190418625	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, high, Size of cable entries: PG 29