

HDC 24B KBU 1M25G

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), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
Order No.	1787920000
Type	HDC 24B KBU 1M25G
GTIN (EAN)	4032248205363
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	65 mm	Height (inches)	2.559 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	342 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	65 mm
Total length housing	120 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 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
Design	Standard	Design of housing	Coupling housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 25
Number of cable entry on top	1	Number of cable entry sideways	0
Sealing	NBR	Size	8
Size of cable entries	M 25	Suitable for ModuPlug®	No
Top part/bottom part/lid	lower part	Type	coupling extension

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
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant

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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 with exemption
RoHS Exemption (if applicable/known)	6bl
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@70a32e9c de.myview.objectmodel.impl.BlockImpl@b5f9edd de.myview.objectmodel.impl.BlockImpl@68a0afe de.myview.objectmodel.impl.BlockImpl@7a2ce652 de.myview.objectmodel.impl.BlockImpl@1392f045 de.myview.objectmodel.impl.BlockImpl@644c2d9c de.myview.objectmodel.impl.BlockImpl@32470611 de.myview.objectmodel.impl.BlockImpl@2f44787d de.myview.objectmodel.impl.BlockImpl@2bd0a508 de.myview.objectmodel.impl.BlockImpl@2ef54d23 de.myview.objectmodel.impl.BlockImpl@2408b162 de.myview.objectmodel.impl.BlockImpl@2803b20e de.myview.objectmodel.impl.BlockImpl@655aae3

Approvals

Approvals



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

Data sheet**HDC 24B KBU 1M25G****Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Technical data****Downloads**Approval/Certificate/Document of Con-
formity[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

[1787920000 HDC_24B_KBU_1M25G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

Data sheet

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Drawings

