

HDC 24B SDLU 2M25G**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, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25
Order No.	1787900000
Type	HDC 24B SDLU 2M25G
GTIN (EAN)	4032248205349
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	86 mm	Height (inches)	3.386 inch
Width	98.8 mm	Width (inches)	3.89 inch
Mounting dimension - height	45 mm	Mounting dimension - width	132 mm
Net weight	528 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 with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

Version

BG	8	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 25
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	8
Size of cable entries	M 25	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

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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@7bee0f7e de.myview.objectmodel.impl.BlockImpl@34d0c1f1 de.myview.objectmodel.impl.BlockImpl@25048968 de.myview.objectmodel.impl.BlockImpl@2719108f de.myview.objectmodel.impl.BlockImpl@2c877eed de.myview.objectmodel.impl.BlockImpl@1e6aedc5 de.myview.objectmodel.impl.BlockImpl@1f2468a9 de.myview.objectmodel.impl.BlockImpl@70569eaa de.myview.objectmodel.impl.BlockImpl@6731e65b de.myview.objectmodel.impl.BlockImpl@2e7c3bbd de.myview.objectmodel.impl.BlockImpl@12216ffb de.myview.objectmodel.impl.BlockImpl@56c610db de.myview.objectmodel.impl.BlockImpl@3ead3766

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

Creation date May 11, 2025 7:20:05 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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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

[1787900000 HDC_24B_SDLU_2M25G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

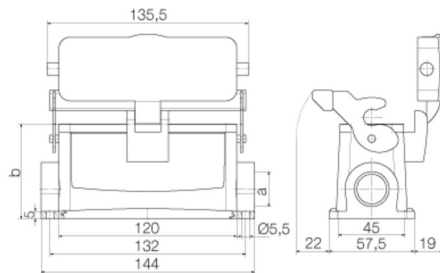
[FL FIELDWIRING EN](#)

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Drawings



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Accessories

Hood, Cable Entry at top



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 64D TOLU 1M25G	Version
Order No.	1786870000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204113	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 64D TOLU 1M32G	Version
Order No.	1786860000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204106	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 24B TOLU 1PG29G	Version
Order No.	1662550000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190419073	lower side, Standard, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 64D TOLU 1M40G	Version
Order No.	1983470000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248687916	lower side, high, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 24B TOLU 1M25G	Version
Order No.	1787860000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205301	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 24B TOLU 1PG21G	Version
Order No.	1662540000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190419066	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 64D TOLU 1PG29G	Version
Order No.	1662630000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190419158	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 24B TOLU 1M32G	Version
Order No.	1787850000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205295	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	

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Accessories

Type	HDC 64D TOLU 1PG21G	Version
Order No.	1662610000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4008190419134	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	

XXL plug housing, cable entry sideways



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General ordering data

Type	HDC 64D TSLU 1M50G	Version
Order No.	1111150000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248100118	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	

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Accessories

XXL plug housing, cable entry on top



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General ordering data

Type	HDC 64D TOLU 1M50G	Version
Order No.	1111170000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp,
GTIN (EAN)	4032248100125	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 64D TSLU 1M32G	Version
Order No.	1786810000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204052	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 64D TSLU 1PG21G	Version
Order No.	1662470000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190418991	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	

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Accessories

Type	HDC 24B TSLU 1PG21G	Version
Order No.	1662390000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190418915	
Qty.	1 pc(s).	
Type	HDC 24B TSLU 1PG29G	Version
Order No.	1662410000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190418939	
Qty.	1 pc(s).	
Type	HDC 24B TSLU 1M32G	Version
Order No.	1787790000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205233	
Qty.	1 pc(s).	
Type	HDC 64D TSLU 1PG29G	Version
Order No.	1662490000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190419011	
Qty.	1 pc(s).	
Type	HDC 24B TSLU 1M25G	Version
Order No.	1787800000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205240	
Qty.	1 pc(s).	
Type	HDC 64D TSLU 1M40G	Version
Order No.	1804610000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40
GTIN (EAN)	4032248267538	
Qty.	1 pc(s).	