HDC 24B SDLU 2M25G

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.
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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

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

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
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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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

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@6f06ee87 de.myview.objectmodel.impl.BlockImpl@cce1cda de.myview.objectmodel.impl.BlockImpl@44459de8 de.myview.objectmodel.impl.BlockImpl@2748420c de.myview.objectmodel.impl.BlockImpl@7f62e2b4 de.myview.objectmodel.impl.BlockImpl@3b6094e de.myview.objectmodel.impl.BlockImpl@6b746e0d de.myview.objectmodel.impl.BlockImpl@e49094d de.myview.objectmodel.impl.BlockImpl@66562d72 de.myview.objectmodel.impl.BlockImpl@5599b48f de.myview.objectmodel.impl.BlockImpl@1dd5ac37 de.myview.objectmodel.impl.BlockImpl@5b10dda1 de.myview.objectmodel.impl.BlockImpl@c7a560c
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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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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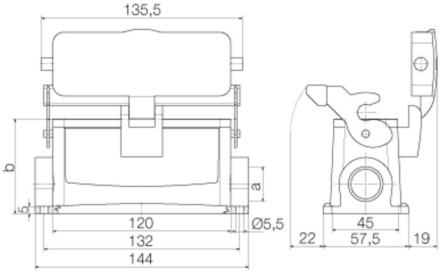
Drawings



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Accessories

Hood, Cable Entry 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
GTIN (EAN)	4032248204052	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 32
Type	HDC 64D TSLU 1M40G	Version
Order No.	1804610000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248267538	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 40
Type	HDC 64D TSLU 1PG29G	Version
Order No.	1662490000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190419011	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 29
Type	HDC 24B TSLU 1M25G	Version
Order No.	1787800000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205240	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25
Type	HDC 24B TSLU 1PG29G	Version
Order No.	1662410000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190418939	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 29
Type	HDC 64D TSLU 1PG21G	Version
Order No.	1662470000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190418991	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 21
Type	HDC 24B TSLU 1PG21G	Version
Order No.	1662390000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190418915	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21
Type	HDC 24B TSLU 1M32G	Version
Order No.	1787790000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205233	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32

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Accessories

Hood, Cable Entry at top

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General ordering data

Type	HDC 24B TOLU 1PG21G	Version
Order No.	1662540000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190419066	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21
Type	HDC 64D TOLU 1M25G	Version
Order No.	1786870000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204113	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 25
Type	HDC 64D TOLU 1M32G	Version
Order No.	1786860000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204106	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 32
Type	HDC 64D TOLU 1PG29G	Version
Order No.	1662630000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190419158	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 29
Type	HDC 64D TOLU 1M40G	Version
Order No.	1983470000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248687916	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 40
Type	HDC 24B TOLU 1M32G	Version
Order No.	1787850000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205295	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32
Type	HDC 24B TOLU 1M25G	Version
Order No.	1787860000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205301	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25
Type	HDC 64D TOLU 1PG21G	Version
Order No.	1662610000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190419134	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 21

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Accessories

Type	HDC 24B TOLU 1PG29G	Version
Order No.	1662550000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190419073	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 29

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
GTIN (EAN)	4032248100125	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 50

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Accessories

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
GTIN (EAN)	4032248100118	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 50