Weidmüller ⧉

HDC 24B ADLU

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), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
Order No.	1214300000
Type	HDC 24B ADLU
GTIN (EAN)	4008190083090
Qty.	1 pc(s).

Creation date January 22, 2022 12:02:30 AM CET

Technical data

Dimensions and weights

Height	47 mm	Height (inches)	1.85 inch
Width	99 mm	Width (inches)	3.898 inch
Mounting dimension - height	32 mm	Mounting dimension - width	130 mm
Net weight	286 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3		
Chemical resistance	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
	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

Dimensions

Height of base B1	5.3 mm	Height of housing B	29.3 mm
Hole pitch length A2	130 mm	Total length housing	120 mm
Width base C1	47 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

Creation date January 22, 2022 12:02:30 AM CET

HDC 24B ADLU

www.weidmueller.com

Technical data

Version

BG	8	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Sealing	NBR	Size	8
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	lower part
Type	Bulkhead (feed-through)		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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		

Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.

Approvals

Approvals	CE cRUus
ROHS	Conform
UL File Number Search	E92202

Downloads

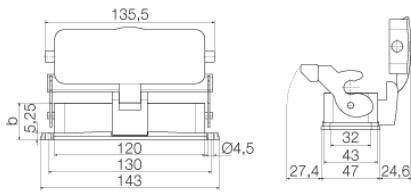|	
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Technical Documentation	1214300000_HDC_24B_ADLU_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN

HDC 24B ADLU

Drawings

Creation date January 22, 2022 12:02:30 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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HDC 24B ADLU

Accessories

XXL plug housing, cable entry sideways

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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

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

XXL plug housing, cable entry on top

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.
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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

Creation date January 22, 2022 12:02:30 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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HDC 24B ADLU

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 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 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 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 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 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 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

HDC 24B ADLU

Accessories

Hood, Cable Entry at top

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General ordering data

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 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 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
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 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
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 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

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HDC 24B ADLU

Accessories

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

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