HDC 48B ALU

IP65

RoHS COMPLIANT

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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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: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover
Order No.	1295600000
Type	HDC 48B ALU
GTIN (EAN)	4050118092066
Qty.	1 pc(s).

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HDC 48B ALU

Technical data

Dimensions and weights

Depth	168 mm		Depth (inches)	6.614 inch
Height	42 mm		Height (inches)	1.654 inch
Width	97 mm		Width (inches)	3.819 inch
Net weight	506.6 g			

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Height of base B1	7 mm		Height of housing B	42 mm
Hole pitch length A2	148 mm		Total length housing	132 mm
Width base C1	97 mm		Width housing C	90 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
Tightening torque	1.2 Nm			

Version

BG	12		Clamp version	End-locking clamp
Colour (RAL)	RAL 7035		Cover	without cover
Design	Standard		Design of cover	without cover
Design of housing	Bulkhead housing		Design of locking system	End-locking clamp, lower side
Sealing	NBR		Size	12
Suitable for ModuPlug®	Yes		Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part		Type	Bulkhead (feed-through)

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

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

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HDC 48B ALU

Technical data

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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@669d5380 de.myview.objectmodel.impl.BlockImpl@52154973 de.myview.objectmodel.impl.BlockImpl@162071de de.myview.objectmodel.impl.BlockImpl@170dc4d de.myview.objectmodel.impl.BlockImpl@dfd8eb0 de.myview.objectmodel.impl.BlockImpl@755b10ad de.myview.objectmodel.impl.BlockImpl@60e03159 de.myview.objectmodel.impl.BlockImpl@67f51bbc de.myview.objectmodel.impl.BlockImpl@61c81fc de.myview.objectmodel.impl.BlockImpl@2b6f37ea de.myview.objectmodel.impl.BlockImpl@4a64a127 de.myview.objectmodel.impl.BlockImpl@5037b2c de.myview.objectmodel.impl.BlockImpl@67720911

Important note

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

Approvals

Approvals	C E c U US
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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HDC 48B ALU

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
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN

Weidmüller ∃C

HDC 48B ALU

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D-32758 Detmold
Germany

www.weidmueller.com

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 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299606	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 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299620	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 36
Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205868	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 50
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205875	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 40
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205882	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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Accessories

Hood, Cable Entry sideways

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General ordering data

Type	HDC 48B TSLU 1M50G	Version
Order No.	1788300000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205837	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 50
Type	HDC 48B TSLU 1M40G	Version
Order No.	1788310000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205844	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 40
Type	HDC 48B TSLU 1PG29G	Version
Order No.	1650850000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299453	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 48B TSLU 1PG36G	Version
Order No.	1650860000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299460	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 36
Type	HDC 48B TSLU 1M32G	Version
Order No.	1788320000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205851	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32
Type	HDC 48B TSLU 1PG42G	Version
Order No.	1670470000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190431556	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 42