HDC 24D SBU 1M25G

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: 4, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
Order No.	1903210000
Type	HDC 24D SBU 1M25G
GTIN (EAN)	4032248592999
Qty.	1 pc(s).

Creation date July 25, 2024 12:46:13 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

1

HDC 24D SBU 1M25G

Technical data

Dimensions and weights

Depth	115.7 mm	Depth (inches)	4.555 inch
Height	74 mm	Height (inches)	2.913 inch
Width	55.5 mm	Width (inches)	2.185 inch
Mounting dimension - height	45 mm	Mounting dimension - width	82 mm
Net weight	377 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	74 mm	Hole pitch length A2	82 mm
Total length housing	73 mm	Width base C1	55.5 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 degree	IP65 (in plugged condition)
Surface finish	Powder coating		

Version

BG	4	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 25
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	4
Size of cable entries	M 25	Suitable for ModuPlug®	Yes
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

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

Creation date July 25, 2024 12:46:13 AM CEST

HDC 24D SBU 1M25G

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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@528d46bf de.myview.objectmodel.impl.BlockImpl@61d419f6 de.myview.objectmodel.impl.BlockImpl@62795c89 de.myview.objectmodel.impl.BlockImpl@76660c8 de.myview.objectmodel.impl.BlockImpl@3fe67625 de.myview.objectmodel.impl.BlockImpl@7ebcd386 de.myview.objectmodel.impl.BlockImpl@560945cc de.myview.objectmodel.impl.BlockImpl@62dd1fe5 de.myview.objectmodel.impl.BlockImpl@6e061ac5 de.myview.objectmodel.impl.BlockImpl@763ec460 de.myview.objectmodel.impl.BlockImpl@6a85d84e de.myview.objectmodel.impl.BlockImpl@602dc0cc de.myview.objectmodel.impl.BlockImpl@3e233e3e
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

Creation date July 25, 2024 12:46:13 AM CEST

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HDC 24D SBU 1M25G

Technical data

Downloads

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

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HDC 24D SBU 1M25G

Accessories

Cover

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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

Type	HDC 10B DODQ 4BO	Version
Order No.	1665230000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190421939	condition), Cover for lower part of housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard

Hood, Cable Entry at top

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General ordering data

Type	HDC 24D TOBU 1M25G	Version
Order No.	1787300000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204649	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 25
Type	HDC 24D TOBU 2M20G	Version
Order No.	1336600000	HDC enclosures, Size: 4, Protection degree: IP65, IP65 (in plugged
GTIN (EAN)	4050118175257	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 20

Creation date July 25, 2024 12:46:13 AM CEST

HDC 24D SBU 1M25G

Accessories

Type	HDC 24D TOBU 1M32G	Version
Order No.	1787290000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204632	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 32
Type	HDC 10B TOBU 1PG16G	Version
Order No.	1654220000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190407049	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 16
Type	HDC 10B TOBU 1PG21G	Version
Order No.	1654240000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190407063	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21
Type	HDC 24D TOBU 1PG29G	Version
Order No.	1654320000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190407148	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 29
Type	HDC 10B TOBU 1M20G	Version
Order No.	1787600000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204946	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 20
Type	HDC 10B TOBU 1M25G	Version
Order No.	1787590000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204939	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25

Hood, Cable Entry sideways

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General ordering data

Type	HDC 10B TSBU 1PG16G	Version
Order No.	1654070000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190406899	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 16
Type	HDC 24D TSBU 1M25G	Version
Order No.	1787240000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204588	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 25

Creation date July 25, 2024 12:46:13 AM CEST

HDC 24D SBU 1M25G

Accessories

Type	HDC 10B TSBU 1M20G	Version	
Order No.	1787560000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248204908	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 20	
Type	HDC 24D TSBU 1M32G	Version	
Order No.	1787230000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248204571	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 32	
Type	HDC 10B TSBU 1PG21G	Version	
Order No.	1654090000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190406912	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21	
Type	HDC 10B TSBU 1M25G	Version	
Order No.	1787550000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248204892	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25	
Type	HDC 24D TSBU 1PG21G	Version	
Order No.	1654150000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190406974	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 21	
Type	HDC 24D TSBU 1PG29G	Version	
Order No.	1654170000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190406998	condition), Cable entry from side, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 29	

Creation date July 25, 2024 12:46:13 AM CEST