Data sheet

HDC 10B SBU 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.
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, Installation size: 4, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
Order No.	1787630000
Type	HDC 10B SBU 2M25G
GTIN (EAN)	4032248204977
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Dimensions and weights

Depth	115.7 mm	Depth (inches)	4.5551 inch
Height	57 mm	Height (inches)	2.2441 inch
Width	53.5 mm	Width (inches)	2.1063 inch
Mounting dimension - height	43 mm	Mounting dimension - width	82 mm
Net weight	272 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f	
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

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Technical data

Dimensions

Hole pitch length A2	82 mm	Cable entry	w. thread
Width housing C	43 mm	Width base C1	53.5 mm
Total length housing	73 mm	Height of housing B	57 mm
Height of base B1	5 mm		

General data

Housing main material	diecast aluminium	Surface finish	Powder coating
Protection degree	IP65, in plugged condition	EMC housings	No
Material of locking element	Stainless steel, rust-proof		

Version

Size of cable entries	M 25	Top part/bottom part/lid	lower part
Cover	without cover	Number of cable entry on top	0
Number of cable entry sideways	2	Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side	Design	Standard
Installation size	4	Cable entry	w. thread
Type	Base housing	Clamp version	Side-locking clamp
Sealing	NBR	Internal thread	M 25
Colour (RAL)	RAL 7035	BG	4
Suitable for ModuPlug®	No		

Classifications

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 24D TOBU 2M20G	Version
Order No.	1336600000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4050118175257	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: M 20
Type	HDC 10B TOBU 1PG16G	Version
Order No.	1654220000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407049	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 16
Type	HDC 10B TOBU 1PG21G	Version
Order No.	1654240000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407063	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21
Type	HDC 24D TOBU 1PG29G	Version
Order No.	1654320000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407148	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: PG 29
Type	HDC 24D TOBU 1M32G	Version
Order No.	1787290000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204632	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: M 32
Type	HDC 24D TOBU 1M25G	Version
Order No.	1787300000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204649	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: M 25
Type	HDC 10B TOBU 1M25G	Version
Order No.	1787590000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204939	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: M 25
Type	HDC 10B TOBU 1M20G	Version
Order No.	1787600000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204946	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: M 20

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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 10B TSBU 1PG16G	Version
Order No.	1654070000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190406899	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 16
Type	HDC 10B TSBU 1PG21G	Version
Order No.	1654090000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190406912	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21
Type	HDC 24D TSBU 1PG21G	Version
Order No.	1654150000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190406974	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: PG 21
Type	HDC 24D TSBU 1PG29G	Version
Order No.	1654170000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190406998	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: PG 29
Type	HDC 24D TSBU 1M32G	Version
Order No.	1787230000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204571	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: M 32
Type	HDC 24D TSBU 1M25G	Version
Order No.	1787240000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204588	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, high, Size of cable entries: M 25
Type	HDC 10B TSBU 1M25G	Version
Order No.	1787550000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204892	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: M 25
Type	HDC 10B TSBU 1M20G	Version
Order No.	1787560000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204908	plugged condition, Cable entry from side, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: M 20

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Accessories

Cover



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General ordering data

Type	HDC 10B DODQ 4BO	Version
Order No.	1665230000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190421939	plugged condition, Cover for lower part of housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none

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