HDC 10B SBU 2M20G

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, Standard, Size of cable entries: M 20
Order No.	1787640000
Type	HDC 10B SBU 2M20G
GTIN (EAN)	4032248204984
Qty.	1 pc(s).

Creation date January 28, 2022 1:20:12 AM CET

HDC 10B SBU 2M20G

Technical data

Dimensions and weights

Depth	115.7 mm	Depth (inches)	4.555 inch
Height	57 mm	Height (inches)	2.244 inch
Width	53.5 mm	Width (inches)	2.106 inch
Mounting dimension - height	43 mm	Mounting dimension - width	82 mm
Net weight	283 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

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

Creation date January 28, 2022 1:20:12 AM CET

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

2

HDC 10B SBU 2M20G

Technical data

Version

BG	4		Cable entry	w. threading
Clamp version	Side-locking clamp		Colour (RAL)	RAL 7035
Design	Standard		Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side		Internal thread	M 20
Number of cable entry on top	0		Number of cable entry sideways	2
Sealing	NBR		Size	4
Size of cable entries	M 20		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		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			

Approvals

Approvals

$C\mathcal{E}$ c**RU**us

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
Technical Documentation	1787640000_HDC_10B_SBU_2M20G_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date January 28, 2022 1:20:12 AM CET

Weidmüller ∃E

HDC 10B SBU 2M20G

Accessories

Cover

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

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 sideways

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

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 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

Creation date January 28, 2022 1:20:12 AM CET

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

4

HDC 10B SBU 2M20G

Accessories

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 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
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
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 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 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

Hood, Cable Entry at top

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

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
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

Creation date January 28, 2022 1:20:12 AM CET

HDC 10B SBU 2M20G

Accessories

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 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 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 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	
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 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	

Creation date January 28, 2022 1:20:12 AM CET

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller]():
 [1787640000]()