

HDC 10B SBU 2PG16G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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, Standard, Size of cable entries: PG 16
Order No.	1654380000
Type	HDC 10B SBU 2PG16G
GTIN (EAN)	4008190407209
Qty.	1 pc(s).

HDC 10B SBU 2PG16G

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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
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Dimensions

Cable entry	w. thread	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		

Version

BG	4	Cable entry	w. thread
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	PG 16
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	4
Size of cable entries	PG 16	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	ETIM 9.0	EC000437
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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

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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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@615c8e72 de.myview.objectmodel.impl.BlockImpl@58ae9a62 de.myview.objectmodel.impl.BlockImpl@66e473a0 de.myview.objectmodel.impl.BlockImpl@9f730bc de.myview.objectmodel.impl.BlockImpl@c5d10ee de.myview.objectmodel.impl.BlockImpl@208ce68d de.myview.objectmodel.impl.BlockImpl@6530f84f de.myview.objectmodel.impl.BlockImpl@55725685 de.myview.objectmodel.impl.BlockImpl@314ce6a5 de.myview.objectmodel.impl.BlockImpl@7633c68f de.myview.objectmodel.impl.BlockImpl@1423ba86 de.myview.objectmodel.impl.BlockImpl@532210f9 de.myview.objectmodel.impl.BlockImpl@58dadf6

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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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](#)

Technical Documentation

[1654380000 HDC 10B SBU 2PG16G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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Accessories

Cover



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General ordering data

Type	HDC 10B DODQ 4B0	Version
Order No.	1665230000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190421939	
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 24D TSB 1M32G	Version
Order No.	1787230000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204571	
Qty.	1 pc(s).	
Type	HDC 24D TSB 1PG21G	Version
Order No.	1654150000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190406974	
Qty.	1 pc(s).	

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Accessories

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

Hood, Cable Entry at top



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General ordering data

Type	HDC 10B TOBU 1M20G	Version
Order No.	1787600000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248204946	
Qty.	1 pc(s).	
Type	HDC 10B TOBU 1PG21G	Version
Order No.	1654240000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190407063	
Qty.	1 pc(s).	

Creation date May 11, 2025 6:55:57 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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Accessories

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