

**HDC 24B ABU N****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.

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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**

Version	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	<a href="#">2488600000</a>
Type	HDC 24B ABU N
GTIN (EAN)	4050118541533
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Height	29.5 mm	Height (inches)	1.161 inch
Width	57 mm	Width (inches)	2.244 inch
Mounting dimension - height	32 mm	Mounting dimension - width	130 mm
Net weight	124.96 g		

**Temperatures**

Limit temperature	-40 °C ... 125 °C
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**Dimensions**

Height of housing B	30 mm	Hole pitch length A2	130 mm
Total length housing	120 mm	Width housing C	43 mm

**General data**

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

**Version**

BG	8	Clamp version	Side-locking clamp
Colour (RAL)	RAL 7035	Design	Standard
Design of housing	Bulkhead housing	Design of locking system	Side-locking clamp on lower side
Sealing	NBR	Size	8
Suitable for ModuPlug®	Yes	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
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
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant

Creation date May 11, 2025 9:16:37 PM CEST

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## Technical data

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	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@230df3d9 de.myview.objectmodel.impl.BlockImpl@774ce2ae de.myview.objectmodel.impl.BlockImpl@2e2ef9a7 de.myview.objectmodel.impl.BlockImpl@10de3189 de.myview.objectmodel.impl.BlockImpl@5c019b70 de.myview.objectmodel.impl.BlockImpl@4c485bcc de.myview.objectmodel.impl.BlockImpl@15727023 de.myview.objectmodel.impl.BlockImpl@74c1497d de.myview.objectmodel.impl.BlockImpl@244b868e de.myview.objectmodel.impl.BlockImpl@2ad32ff0 de.myview.objectmodel.impl.BlockImpl@2c26b1e1 de.myview.objectmodel.impl.BlockImpl@52d29fb9 de.myview.objectmodel.impl.BlockImpl@2ad51c9b

## Important note

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

Approvals



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

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## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">Customer drawing</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 24B TSBU 1PG21G	Version
Order No.	<a href="#">1661230000</a>	HDC enclosures, Size: 8, 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)	4008190417789	
Qty.	1 pc(s).	
Type	HDC 64D TSBU 1PG29G	Version
Order No.	<a href="#">1661320000</a>	HDC enclosures, Size: 8, 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)	4008190417871	
Qty.	1 pc(s).	
Type	HDC 64D TSBU 1M40G	Version
Order No.	<a href="#">1809630000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40
GTIN (EAN)	4032248284986	
Qty.	1 pc(s).	
Type	HDC 64D TSBU 1M25G	Version
Order No.	<a href="#">1786780000</a>	HDC enclosures, Size: 8, 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)	4032248204021	
Qty.	1 pc(s).	
Type	HDC 24B TSBU 1PG29G	Version
Order No.	<a href="#">1661240000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190417796	
Qty.	1 pc(s).	
Type	HDC 24B TSBU 1M25G	Version
Order No.	<a href="#">1787760000</a>	HDC enclosures, Size: 8, 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)	4032248205103	
Qty.	1 pc(s).	
Type	HDC 24B TSBU 1M32G	Version
Order No.	<a href="#">1787750000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205097	
Qty.	1 pc(s).	
Type	HDC 64D TSBU 1PG21G	Version
Order No.	<a href="#">1661300000</a>	HDC enclosures, Size: 8, 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)	4008190417857	
Qty.	1 pc(s).	

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## Accessories

Type	HDC 24B TSBU 1M40G	Version
Order No.	<a href="#">1902480000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248592944	
Qty.	1 pc(s).	
Type	HDC 64D TSBU 1M32G	Version
Order No.	<a href="#">1786770000</a>	HDC enclosures, Size: 8, 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)	4032248204014	
Qty.	1 pc(s).	

## XXL plug housing, cable entry sideways



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## General ordering data

Type	HDC 64D TSBU 1M50G	Version
Order No.	<a href="#">1111130000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 50
GTIN (EAN)	4032248967711	
Qty.	1 pc(s).	

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## Accessories

## XXL plug housing, cable entry on top



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## General ordering data

Type	HDC 64D TOBU 1M50G	Version
Order No.	<a href="#">1111140000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 50
GTIN (EAN)	4032248964413	
Qty.	1 pc(s).	

## Cover



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## General ordering data

Type	HDC 24B DODQ 4B0	Version
Order No.	<a href="#">1665630000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422653	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 64D TOBU 1PG21G	Version
Order No.	<a href="#">1661440000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190417994	
Qty.	1 pc(s).	
Type	HDC 24B TOBU 1M32G	Version
Order No.	<a href="#">1787810000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205257	
Qty.	1 pc(s).	
Type	HDC 24B TOBU 1PG21G	Version
Order No.	<a href="#">1661370000</a>	HDC enclosures, Size: 8, 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)	4008190417925	
Qty.	1 pc(s).	
Type	HDC 24B TOBU 1M40G	Version
Order No.	<a href="#">1902980000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248585274	
Qty.	1 pc(s).	
Type	HDC 64D TOBU 1M32G	Version
Order No.	<a href="#">1786830000</a>	HDC enclosures, Size: 8, 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)	4032248204076	
Qty.	1 pc(s).	
Type	HDC 64D TOBU 1PG29G	Version
Order No.	<a href="#">1661460000</a>	HDC enclosures, Size: 8, 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)	4008190418014	
Qty.	1 pc(s).	
Type	HDC 24B TOBU 1PG29G	Version
Order No.	<a href="#">1661380000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190417932	
Qty.	1 pc(s).	
Type	HDC 64D TOBU 2M32G	Version
Order No.	<a href="#">1009710000</a>	HDC enclosures, Size: 8, 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)	4032248771394	
Qty.	1 pc(s).	



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Type	HDC 64D TOBU 1M40G	Version
Order No.	<a href="#">1045560000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248780532	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 40
Type	HDC 24B TOBU 1M25G	Version
Order No.	<a href="#">1787820000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205264	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25