

**HDC 24B SBU 1PG21G****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.

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: 8, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	<a href="#">1661510000</a>
Type	HDC 24B SBU 1PG21G
GTIN (EAN)	4008190418069
Qty.	1 pc(s).

## HDC 24B SBU 1PG21G

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## Technical data

## Dimensions and weights

Height	64 mm	Height (inches)	2.52 inch
Width	57.5 mm	Width (inches)	2.264 inch
Mounting dimension - height	45 mm	Mounting dimension - width	132 mm
Net weight	421 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	64 mm	Hole pitch length A2	132 mm
Total length housing	120 mm	Width base C1	57.5 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	8	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 21
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	8
Size of cable entries	PG 21	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
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		

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 October 6, 2024 1:45:10 AM CEST

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## 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-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@3a857501 de.myview.objectmodel.impl.BlockImpl@2d7b1f02 de.myview.objectmodel.impl.BlockImpl@634bf69 de.myview.objectmodel.impl.BlockImpl@2b730378 de.myview.objectmodel.impl.BlockImpl@3acf566a de.myview.objectmodel.impl.BlockImpl@4fb9cd3e de.myview.objectmodel.impl.BlockImpl@6cd5fc57 de.myview.objectmodel.impl.BlockImpl@5f0e4a76 de.myview.objectmodel.impl.BlockImpl@1fb23bfb de.myview.objectmodel.impl.BlockImpl@1ee3c50e de.myview.objectmodel.impl.BlockImpl@5d97b5c1 de.myview.objectmodel.impl.BlockImpl@70e719ff de.myview.objectmodel.impl.BlockImpl@7e8499fb
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

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[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

[1661510000 HDC\\_24B\\_SBU\\_1PG21G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

### HDC 24B SBU 1PG21G

**Weidmüller Interface GmbH & Co. KG**

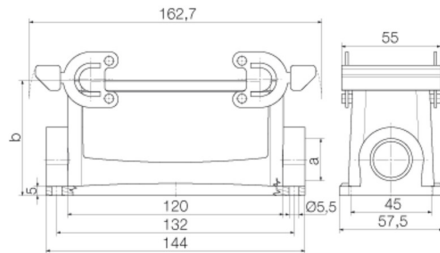
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## Drawings



## HDC 24B SBU 1PG21G

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## Accessories

## 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).	

## 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).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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).	

**Hood, Cable Entry at top**

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**General ordering data**

Type	HDC 24B TOBU 1M25G	Version
Order No.	<a href="#">1787820000</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 25
GTIN (EAN)	4032248205264	
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).	

## HDC 24B SBU 1PG21G

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## Accessories

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 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 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 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 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 64D TOBU 1M40G	Version
Order No.	<a href="#">1045560000</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 40
GTIN (EAN)	4032248780532	
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).	
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).	



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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

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 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 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 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).	
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).	
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 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).	

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Type	HDC 24B TSB 1M32G	Version
Order No.	<a href="#">1787750000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205097	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32
Type	HDC 64D TSB 1M40G	Version
Order No.	<a href="#">1809630000</a>	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248284986	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 40