

**HDC 32A ABU****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Size: 7, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
Order No.	<a href="#">1665860000</a>
Type	HDC 32A ABU
GTIN (EAN)	4008190871253
Qty.	1 pc(s).

## HDC 32A ABU

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## Technical data

## Dimensions and weights

Height	30 mm	Height (inches)	1.181 inch
Width	60.5 mm	Width (inches)	2.382 inch
Mounting dimension - height	42 mm	Mounting dimension - width	92 mm
Net weight	175 g		

## Temperatures

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

Height of base B1	7 mm	Height of housing B	30 mm
Hole pitch length A2	92 mm	Total length housing	82 mm
Width base C1	60.5 mm	Width housing C	56 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	Tightening torque	1.2 Nm

## Version

BG	7	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	7
Suitable for ModuPlug®	No	Tightening torque	1.2 Nm
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
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

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

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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@28922879 de.myview.objectmodel.impl.BlockImpl@6b4c68bc de.myview.objectmodel.impl.BlockImpl@4ba90431 de.myview.objectmodel.impl.BlockImpl@4a4f98ab de.myview.objectmodel.impl.BlockImpl@73a7b07b de.myview.objectmodel.impl.BlockImpl@7b262f3b de.myview.objectmodel.impl.BlockImpl@78ad24e2 de.myview.objectmodel.impl.BlockImpl@4e91619c de.myview.objectmodel.impl.BlockImpl@7b345d de.myview.objectmodel.impl.BlockImpl@4a6e9c9e de.myview.objectmodel.impl.BlockImpl@5bf52b05 de.myview.objectmodel.impl.BlockImpl@1e2d3c66 de.myview.objectmodel.impl.BlockImpl@472d3a22

## Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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## 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 – 1665860000 HDC\\_32A\\_ABU\\_STP.dxf](#)

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1665860000 HDC\\_32A\\_ABU\\_STP\\_Blatt\\_\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 32A TSBU 1M32G	Version
Order No.	<a href="#">1787950000</a>	HDC enclosures, Size: 7, 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)	4032248205394	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1M25G	Version
Order No.	<a href="#">1787960000</a>	HDC enclosures, Size: 7, 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)	4032248205400	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1PG21G	Version
Order No.	<a href="#">1665670000</a>	HDC enclosures, Size: 7, 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)	4008190422691	
Qty.	1 pc(s).	
Type	HDC 32A TSBU 1PG29G	Version
Order No.	<a href="#">1665690000</a>	HDC enclosures, Size: 7, 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)	4008190422714	
Qty.	1 pc(s).	

## HDC 32A ABU

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## Accessories

## Cover



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## General ordering data

Type	HDC 32A DODQ 4B0	Version
Order No.	<a href="#">1665920000</a>	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422950	
Qty.	1 pc(s).	

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 32A TOBU 1M32G	Version
Order No.	<a href="#">1787990000</a>	HDC enclosures, Size: 7, 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)	4032248205431	
Qty.	1 pc(s).	
Type	HDC 32A TOBU 1PG29G	Version
Order No.	<a href="#">1665810000</a>	HDC enclosures, Size: 7, 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)	4008190422837	
Qty.	1 pc(s).	

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

Type	HDC 32A TOBU 1PG21G	Version
Order No.	<a href="#">1665790000</a>	HDC enclosures, Size: 7, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190422813	condition), Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21