

**HDC 32A SDBO 1PG29G****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.

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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: 7, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 29
Order No.	<a href="#">1666590000</a>
Type	HDC 32A SDBO 1PG29G
GTIN (EAN)	4008190423711
Qty.	1 pc(s).

## HDC 32A SDBO 1PG29G

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## Technical data

## Dimensions and weights

Height	97 mm	Height (inches)	3.819 inch
Width	89.2 mm	Width (inches)	3.512 inch
Mounting dimension - height	46 mm	Mounting dimension - width	92 mm
Net weight	453 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	75 mm	Hole pitch length A2	92 mm
Total length housing	82 mm	Width base C1	64.5 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 class note	Protection class for this version of cover: IP20
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	1.2 Nm		

## Version

BG	7	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	Side-locking clamp on upper side	Internal thread	PG 29
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	7
Size of cable entries	PG 29	Suitable for ModuPlug®	No
Tightening torque	1.2 Nm	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

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

Creation date June 2, 2024 2:00:21 AM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

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

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**

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@38cd67 de.myview.objectmodel.impl.BlockImpl@47c6fb71 de.myview.objectmodel.impl.BlockImpl@34dfe1b7 de.myview.objectmodel.impl.BlockImpl@174b7c59 de.myview.objectmodel.impl.BlockImpl@515ec822 de.myview.objectmodel.impl.BlockImpl@2133bc0b de.myview.objectmodel.impl.BlockImpl@6a2a23c3 de.myview.objectmodel.impl.BlockImpl@264f336b de.myview.objectmodel.impl.BlockImpl@177e058 de.myview.objectmodel.impl.BlockImpl@3d98c799 de.myview.objectmodel.impl.BlockImpl@697dfd2 de.myview.objectmodel.impl.BlockImpl@599c7000 de.myview.objectmodel.impl.BlockImpl@67d72e4b

**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

[DE - HDC base housings size 16D/32A/32B](#)  
[DE - HDC base housings size 16D/32A/32B](#)  
[20220214 Technical change to HDC housings](#)  
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1666590000 HDC\\_32A\\_SDBO\\_1PG29G\\_STP\\_Blatt\\_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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).	
Type	HDC 32A TOBU 1PG21G	Version
Order No.	<a href="#">1665790000</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 21
GTIN (EAN)	4008190422813	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

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).	
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 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 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).	

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

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**General ordering data**

Type	HDC 32A DODQ 4BO	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).	