

## 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.

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), 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).

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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	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

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

Creation date March 3, 2023 8:20:11 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@679e90a8 de.myview.objectmodel.impl.BlockImpl@77820e6b de.myview.objectmodel.impl.BlockImpl@20e0d62b de.myview.objectmodel.impl.BlockImpl@38da0508 de.myview.objectmodel.impl.BlockImpl@2b52c96b de.myview.objectmodel.impl.BlockImpl@4c447b3c de.myview.objectmodel.impl.BlockImpl@6ab3ad11 de.myview.objectmodel.impl.BlockImpl@2a9070a de.myview.objectmodel.impl.BlockImpl@3f8d8fa5 de.myview.objectmodel.impl.BlockImpl@507f8ef3 de.myview.objectmodel.impl.BlockImpl@27d37ac8 de.myview.objectmodel.impl.BlockImpl@6d08b86f de.myview.objectmodel.impl.BlockImpl@3eabe2cc

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Conformity[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD](#)

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](#)

**Data sheet**

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**Drawings**

