

HDC 32A SDBO 1PG21G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Installation size: 7, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21
Order No.	1666550000
Type	HDC 32A SDBO 1PG21G
GTIN (EAN)	4008190423674
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Height	97 mm	Height (inches)	3.8189 inch
Width	89.2 mm	Width (inches)	3.5118 inch
Mounting dimension - height	46 mm	Mounting dimension - width	92 mm
Net weight	475 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	No SVHC above 0.1 wt%	
Chemical resistance	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
	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	

Dimensions

Hole pitch length A2	92 mm	Cable entry	w. thread
Width housing C	56 mm	Width base C1	64.5 mm

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Total length housing	82 mm	Height of housing B	75 mm
Height of base B1	5 mm		

General data

Surface finish	Powder coating	Protection degree	IP65, in plugged condition
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Version

Size of cable entries	PG 21	Top part/bottom part/lid	lower part
Cover	without cover	Tightening torque	1.2 Nm
Number of cable entry on top	0	Number of cable entry sideways	1
Design of cover	with cover	Design of housing	Base housing
Design of locking system	Side-locking clamp on upper side	Design	Standard
Installation size	7	Cable entry	w. thread
Type	Base housing	Clamp version	Side-locking clamp
Sealing	NBR	Internal thread	PG 21
Colour (RAL)	RAL 7035	BG	7
Suitable for ModuPlug®	No		

Classifications

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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Drawings

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 32A TOBU 1PG21G	Version
Order No.	1665790000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4008190422813	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 21
Type	HDC 32A TOBU 1PG29G	Version
Order No.	1665810000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4008190422837	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: PG 29
Type	HDC 32A TOBU 1M32G	Version
Order No.	1787990000	HDC enclosures, Installation size: 7, Protection degree: IP65, in
GTIN (EAN)	4032248205431	plugged condition, Cable entry from top, Plug housing, Side-locking
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: M 32

Hood, Cable Entry sideways



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Accessories

General ordering data

Type	HDC 32A TSBU 1PG21G	Version	
Order No.	1665670000	HDC enclosures, Installation 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 ST		
Type	HDC 32A TSBU 1PG29G	Version	
Order No.	1665690000	HDC enclosures, Installation 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 ST		
Type	HDC 32A TSBU 1M32G	Version	
Order No.	1787950000	HDC enclosures, Installation 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 ST		
Type	HDC 32A TSBU 1M25G	Version	
Order No.	1787960000	HDC enclosures, Installation 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 ST		

Cover



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General ordering data

Type	HDC 32A DODQ 4BO	Version	
Order No.	1665920000	HDC enclosures, Installation size: 7, Protection degree: IP65, in plugged condition, Cover for lower part of housing, Side-locking clamp on lower side, Standard, Size of cable entries: none	
GTIN (EAN)	4008190422950		
Qty.	1 ST		