

HDC 16A TOLU 1PG16G

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: 5, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
Order No.	1664810000
Type	HDC 16A TOLU 1PG16G
GTIN (EAN)	4008190421519
Qty.	1 items

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	89 mm	Depth (inches)	3.5039 inch
Height	58 mm	Height (inches)	2.2835 inch
Width	32.5 mm	Width (inches)	1.2795 inch
Net weight	124 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

Cable entry	w. thread	Width housing C	29.5 mm
Total length housing	79 mm	Height of housing B	58 mm

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General data

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

Size of cable entries	PG 16	Top part/bottom part/lid	upper part
Cover	without cover	Tightening torque	0.5 Nm
Number of cable entry on top	1	Number of cable entry sideways	0
Design of housing	Cable entry from top, Plug housing	Design of locking system	End-locking clamp, lower side
Design	Standard	Installation size	5
Cable entry	w. thread	Type	Plug
Clamp version	End-locking clamp	Sealing	NBR
Internal thread	PG 16	Colour (RAL)	RAL 7035
BG	5	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

Base housing



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General ordering data

Type	HDC 16A SLU 2PG16G	Version
Order No.	1665070000	HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190421779	
Qty.	1 ST	
Type	HDC 16A SLU 1PG21G	Version
Order No.	1665090000	HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190421793	
Qty.	1 ST	
Type	HDC 16A SLU 2M25G	Version
Order No.	1788760000	HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248206308	
Qty.	1 ST	
Type	HDC 16A SLU 2M20G	Version
Order No.	1788770000	HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248206315	
Qty.	1 ST	
Type	HDC 16A SLU 1M25G	Version
Order No.	1902330000	HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248591916	
Qty.	1 ST	

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Accessories

Bulkhead housing



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General ordering data

Type	HDC 16A ALU	Version
Order No.	1664920000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421625	plugged condition, Bulkhead housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: none

Coupling housing



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General ordering data

Type	HDC 16A KLU 1PG16G	Version
Order No.	1665450000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190422158	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 16A KLU 1M25G	Version
Order No.	1788800000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206346	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25

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Accessories

Cover



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General ordering data

Type	HDC 16A DODL 1LB	Version	
Order No.	1665900000		
GTIN (EAN)	4008190422936		
Qty.	1 ST		
			HDC enclosures, Installation size: 5, Protection degree: IP65, in plugged condition, Cover for lower part of housing, End-locking clamp, lower side, Standard, Size of cable entries: none

IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Type	VG 16-MS68	Version	
Order No.	1569100000		
GTIN (EAN)	4008190051969		
Qty.	25 ST		
			VG MS (standard brass cable gland), Cable glands, straight, PG 16, 6.5 mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated
Type	VG 16-K68	Version	
Order No.	1569010000		
GTIN (EAN)	4008190004460		
Qty.	50 ST		
			VG K (standard plastic cable gland), Cable glands, straight, PG 16, 10 mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6