

HDC 48B TOLU 1M50G

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: 12, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 50
Order No.	1788330000
Type	HDC 48B TOLU 1M50G
GTIN (EAN)	4032248205868
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	151 mm	Depth (inches)	5.9449 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	90 mm	Width (inches)	3.5433 inch
Net weight	722 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	90 mm
Total length housing	132 mm	Height of housing B	94 mm

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Technical data

General data

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

Size of cable entries	M 50	Top part/bottom part/lid	upper part
Cover	without cover	Tightening torque	1.2 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	12
Cable entry	w. thread	Type	Plug
Clamp version	End-locking clamp	Sealing	no sealing
Internal thread	M 50	Colour (RAL)	RAL 7035
BG	12	Suitable for ModuPlug®	Yes

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

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Base housing



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General ordering data

Type	HDC 48B SLU 1PG29G	Version
Order No.	1651100000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190299705	
Qty.	1 ST	
Type	HDC 48B SDLU 2PG29G	Version
Order No.	1667560000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
GTIN (EAN)	4008190424763	
Qty.	1 ST	
Type	HDC 48B SLU 2M40G	Version
Order No.	1788360000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248205899	
Qty.	1 ST	
Type	HDC 48B SLU 2M32G	Version
Order No.	1788370000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205905	
Qty.	1 ST	
Type	HDC 48B SDLU 2M32G	Version
Order No.	1788390000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32
GTIN (EAN)	4032248205929	
Qty.	1 ST	
Type	HDC 48B SDLU 1PG29G	Version
Order No.	1799810000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
GTIN (EAN)	4032248247035	
Qty.	1 ST	
Type	HDC 48B SDLU 1M32G	Version
Order No.	1904150000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 32
GTIN (EAN)	4032248585700	
Qty.	1 ST	
Type	HDC 48B SLU 1M32G	Version
Order No.	1904190000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248585779	
Qty.	1 ST	

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Accessories

Type	HDC 48B SDLU 2M40G	Version
Order No.	1983500000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 40
GTIN (EAN)	4032248687787	
Qty.	1 ST	
Type	HDC 48B SDLU 2M50G	Version
Order No.	1983510000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 50
GTIN (EAN)	4032248687770	
Qty.	1 ST	

Bulkhead housing



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General ordering data

Type	HDC 48B ADLU	Version
Order No.	1222900000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, with cover
GTIN (EAN)	4008190138004	
Qty.	1 ST	
Type	HDC 48B ALU	Version
Order No.	1295600000	HDC enclosures, Installation size: 12, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, without cover
GTIN (EAN)	4050118092066	
Qty.	1 ST	

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.

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Accessories

General ordering data

Type	VG M50 - MS 68	Version
Order No.	1772260000	VG MS (standard brass cable gland), Cable glands, straight, M 50, 9
GTIN (EAN)	4032248129911	mm, OD min. 22 - OD max. 32 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	5 ST	min.), Brass, nickel-plated
Type	VG M50 - K 68	Version
Order No.	1772340000	VG K (standard plastic cable gland), Cable glands, straight, M 50, 18
GTIN (EAN)	4032248130009	mm, OD min. 30 - OD max. 38 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	10 ST	min.), Polyamide 6