

HDC 48B SLU 2M40G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

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: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40
Order No.	1788360000
Type	HDC 48B SLU 2M40G
GTIN (EAN)	4032248205899
Qty.	1 pc(s).

HDC 48B SLU 2M40G

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Technical data

Dimensions and weights

Depth	143 mm	Depth (inches)	5.63 inch
Height	100 mm	Height (inches)	3.937 inch
Width	151.2 mm	Width (inches)	5.953 inch
Mounting dimension - height	106 mm	Mounting dimension - width	111 mm
Net weight	1,279 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Dimensions

Cable entry	w. thread	Height of base B1	10 mm
Height of housing B	100 mm	Hole pitch length A2	111 mm
Total length housing	132 mm	Width base C1	120 mm
Width housing C	90 mm		

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating	Tightening torque	1.2 Nm

Version

BG	12	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 40
Number of cable entry on top	0	Number of cable entry sideways	2
Sealing	NBR	Size	12
Size of cable entries	M 40	Suitable for ModuPlug®	Yes
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
ETIM 10.0	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	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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

Creation date May 11, 2025 7:20:23 PM CEST

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@77a2907e de.myview.objectmodel.impl.BlockImpl@4a967a0f de.myview.objectmodel.impl.BlockImpl@24ed13ca de.myview.objectmodel.impl.BlockImpl@1974d5f de.myview.objectmodel.impl.BlockImpl@62d50c73 de.myview.objectmodel.impl.BlockImpl@1bea4424 de.myview.objectmodel.impl.BlockImpl@575577d0 de.myview.objectmodel.impl.BlockImpl@6c1325d0 de.myview.objectmodel.impl.BlockImpl@266f0ab5 de.myview.objectmodel.impl.BlockImpl@6fedb138 de.myview.objectmodel.impl.BlockImpl@137ab0e2 de.myview.objectmodel.impl.BlockImpl@66b23af8 de.myview.objectmodel.impl.BlockImpl@3856ae39

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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Technical data

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1788360000 HDC 48B SLU 2M40G STP Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 36
GTIN (EAN)	4008190299620	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, 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 40
GTIN (EAN)	4032248205875	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190299606	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, 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
GTIN (EAN)	4032248205868	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, 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 32
GTIN (EAN)	4032248205882	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry sideways



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Type	HDC 48B TSLU 1M40G	Version
Order No.	1788310000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205844	lower side, Standard, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG36G	Version
Order No.	1650860000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299460	lower side, Standard, Size of cable entries: PG 36
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M32G	Version
Order No.	1788320000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205851	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M50G	Version
Order No.	1788300000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205837	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG42G	Version
Order No.	1670470000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190431556	lower side, Standard, Size of cable entries: PG 42
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG29G	Version
Order No.	1650850000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299453	lower side, Standard, Size of cable entries: PG 29
Qty.	1 pc(s).	