

HDC 16D SLU 1M25G**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, Size: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: M 25
Order No.	1900880000
Type	HDC 16D SLU 1M25G
GTIN (EAN)	4032248521111
Qty.	1 pc(s).

HDC 16D SLU 1M25G

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Technical data

Dimensions and weights

Height	74 mm	Height (inches)	2.913 inch
Width	71.7 mm	Width (inches)	2.823 inch
Mounting dimension - height	45 mm	Mounting dimension - width	70 mm
Net weight	309 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	74 mm	Hole pitch length A2	70 mm
Total length housing	60 mm	Width base C1	54.5 mm
Width housing C	43 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	3	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of cover	without cover
Design of housing	Base housing	Design of locking system	End-locking clamp, lower side
Internal thread	M 25	Number of cable entry on top	0
Number of cable entry sideways	1	Sealing	NBR
Size	3	Size of cable entries	M 25
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

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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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@3f140fc6 de.myview.objectmodel.impl.BlockImpl@69fa493 de.myview.objectmodel.impl.BlockImpl@b65de8c de.myview.objectmodel.impl.BlockImpl@19e72942 de.myview.objectmodel.impl.BlockImpl@6926f87 de.myview.objectmodel.impl.BlockImpl@7d52f8fa de.myview.objectmodel.impl.BlockImpl@58e6c862 de.myview.objectmodel.impl.BlockImpl@78eb4705 de.myview.objectmodel.impl.BlockImpl@6d10f1c8 de.myview.objectmodel.impl.BlockImpl@7ef41b8 de.myview.objectmodel.impl.BlockImpl@69a43cff de.myview.objectmodel.impl.BlockImpl@4b559da1 de.myview.objectmodel.impl.BlockImpl@2121abb2

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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Technical data

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Accessories

Cover



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 06B DODL 2B0	Version
Order No.	1665200000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421908	
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 06B TSLU 1PG16G	Version
Order No.	1652520000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190402594	
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1PG29G	Version
Order No.	1652580000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190402655	
Qty.	1 pc(s).	

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Accessories

Type	HDC 16D TSLU 1M32G	Version
Order No.	1787470000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204816	
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1PG13G	Version
Order No.	1670530000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 13.5
GTIN (EAN)	4008190431617	
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1M25G	Version
Order No.	1787480000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204823	
Qty.	1 pc(s).	
Type	HDC 16D TSLU 1PG21G	Version
Order No.	1652560000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190402631	
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1M20G	Version
Order No.	1788100000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248205547	
Qty.	1 pc(s).	
Type	HDC 06B TSLU 1M25G	Version
Order No.	1788090000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205530	
Qty.	1 pc(s).	

Hood, Cable Entry at top



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Type	HDC 16D TOLU 1M25G	Version
Order No.	1787500000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204847	
Qty.	1 pc(s).	
Type	HDC 16D TOLU 1PG21G	Version
Order No.	1652680000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190402754	
Qty.	1 pc(s).	

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Accessories

Type	HDC 16D TOLU 1PG29G	Version
Order No.	1652700000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190402778	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1PG13G	Version
Order No.	1670500000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 13.5
GTIN (EAN)	4008190431587	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1M25G	Version
Order No.	1788110000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205554	
Qty.	1 pc(s).	
Type	HDC 16D TOLU 1M32G	Version
Order No.	1787490000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204830	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1M20G	Version
Order No.	1788120000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248205561	
Qty.	1 pc(s).	
Type	HDC 06B TOLU 1PG16G	Version
Order No.	1652640000	HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190402716	
Qty.	1 pc(s).	