

HDC 16A DODL 1LB**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: 5, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard
Order No.	1665900000
Type	HDC 16A DODL 1LB
GTIN (EAN)	4008190422936
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	12.5 mm	Height (inches)	0.492 inch
Width	29.5 mm	Width (inches)	1.161 inch
Net weight	79 g		

Temperatures

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

Cable entry	For hoods	Height of housing B	19.5 mm
Total length housing	79 mm	Width housing C	29.5 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	0.5 Nm

Version

BG	5	Cable entry	For hoods
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cover for lower part of housing
Design of locking system	End-locking clamp, lower side	Size	5
Suitable for ModuPlug®	No	Tightening torque	0.5 Nm
Top part/bottom part/lid	Cover	Type	Cover

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
Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil

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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@198990c2 de.myview.objectmodel.impl.BlockImpl@1f6975a9 de.myview.objectmodel.impl.BlockImpl@617de89b de.myview.objectmodel.impl.BlockImpl@6d60d2e8 de.myview.objectmodel.impl.BlockImpl@383a5006 de.myview.objectmodel.impl.BlockImpl@6c2aae95 de.myview.objectmodel.impl.BlockImpl@629dbabb de.myview.objectmodel.impl.BlockImpl@901d392 de.myview.objectmodel.impl.BlockImpl@635108d4 de.myview.objectmodel.impl.BlockImpl@5ab64c2d de.myview.objectmodel.impl.BlockImpl@55716da2 de.myview.objectmodel.impl.BlockImpl@52eba9dd de.myview.objectmodel.impl.BlockImpl@39970cfc

Approvals

Approvals



Approvals MAMID	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

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1665900000 HDC_16A_DODL_1LB_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

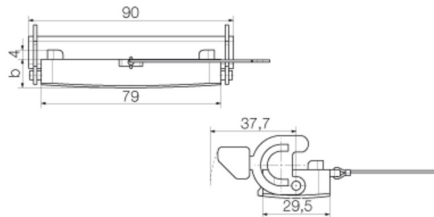
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Drawings



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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 25A TOLU 1M20G	Version
Order No.	1788710000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 20
GTIN (EAN)	4032248206254	
Qty.	1 pc(s).	
Type	HDC 25A TOLU 1M25G	Version
Order No.	1788700000	HDC enclosures, Size: 5, 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)	4032248206247	
Qty.	1 pc(s).	
Type	HDC 16A TOLU 1PG16G	Version
Order No.	1664810000	HDC enclosures, 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
GTIN (EAN)	4008190421519	
Qty.	1 pc(s).	
Type	HDC 16A TOLU 1M25G	Version
Order No.	1788750000	HDC enclosures, Size: 5, 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)	4032248206292	
Qty.	1 pc(s).	
Type	HDC 25A TOLU 1PG21G	Version
Order No.	1664870000	HDC enclosures, Size: 5, 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)	4008190421571	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry sideways



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Type	HDC 25A TSLU 1M25G	Version
Order No.	1788690000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248206230	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 25A TSLU 1PG21G	Version
Order No.	1664750000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190421458	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16A TSLU 1PG16G	Version
Order No.	1664690000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190421397	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	
Type	HDC 16A TSLU 1M20G	Version
Order No.	1041760000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248771011	lower side, Standard, Size of cable entries: M 20
Qty.	1 pc(s).	
Type	HDC 25A TSLU 1M20G	Version
Order No.	1788680000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248206223	lower side, high, Size of cable entries: M 20
Qty.	1 pc(s).	
Type	HDC 25A TSLU 1PG16G	Version
Order No.	1664730000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190421434	lower side, high, Size of cable entries: PG 16
Qty.	1 pc(s).	
Type	HDC 16A TSLU 1M25G	Version
Order No.	1788740000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248206285	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	