

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).

HDC 16A DODL 1LB

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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
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

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

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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

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@6a56c38d de.myview.objectmodel.impl.BlockImpl@31714982 de.myview.objectmodel.impl.BlockImpl@6ca27627 de.myview.objectmodel.impl.BlockImpl@2354339c de.myview.objectmodel.impl.BlockImpl@7f42c6d0 de.myview.objectmodel.impl.BlockImpl@4444bde3 de.myview.objectmodel.impl.BlockImpl@3b28f802 de.myview.objectmodel.impl.BlockImpl@39e2f428 de.myview.objectmodel.impl.BlockImpl@507fd182 de.myview.objectmodel.impl.BlockImpl@3135d5cb de.myview.objectmodel.impl.BlockImpl@4d21c307 de.myview.objectmodel.impl.BlockImpl@63cc3d3f de.myview.objectmodel.impl.BlockImpl@4d911305

Approvals

Approvals



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

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 FL FIELDWIRING EN

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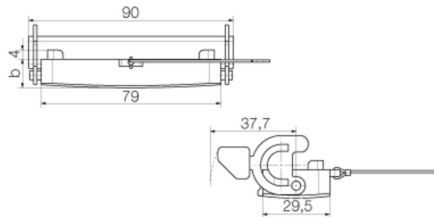
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Drawings



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Accessories

Hood, Cable Entry sideways



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General ordering data

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 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 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).	
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 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).	

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Accessories

Hood, Cable Entry at top



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General ordering data

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,
GTIN (EAN)	4032248206292	lower side, Standard, Size of cable entries: M 25
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,
GTIN (EAN)	4008190421571	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
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,
GTIN (EAN)	4032248206254	lower side, high, Size of cable entries: M 20
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,
GTIN (EAN)	4032248206247	lower side, high, Size of cable entries: M 25
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,
GTIN (EAN)	4008190421519	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	