

HDC 16A DODL 1LB

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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: 5, Protection degree: IP65, in plugged condition, Cover for lower part of housing, End-locking clamp, lower side, Standard, Size of cable entries: none
Order No.	1665900000
Type	HDC 16A DODL 1LB
GTIN (EAN)	4008190422936
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	12.5 mm	Height (inches)	0.4921 inch
Width	29.5 mm	Width (inches)	1.1614 inch
Length	90 mm	Length (inches)	3.5433 inch
Net weight	79 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption	
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3	
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f	
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

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Dimensions

Cable entry	For hoods	Width housing C	29.5 mm
Total length housing	90 mm	Height of housing B	19.5 mm

General data

Tightening torque	0.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

Version

Size of cable entries	none	Top part/bottom part/lid	Cover
Cover	with cover	Tightening torque	0.5 Nm
Number of cable entry sideways	0	Design of housing	Cover for lower part of housing
Design of locking system	End-locking clamp, lower side	Design	Standard
Installation size	5	Cable entry	For hoods
Type	Cover	Clamp version	End-locking clamp
Sealing	no sealing	Colour (RAL)	RAL 7035
BG	5	Suitable for ModuPlug®	No

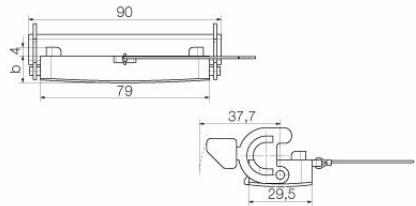
Classifications

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

Hood, Cable Entry at top



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General ordering data

Type	HDC 16A TOLU 1M25G	Version
Order No.	1788750000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206292	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: M 25
Type	HDC 16A TOLU 1PG16G	Version
Order No.	1664810000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421519	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, Standard, Size of cable entries: PG 16
Type	HDC 25A TOLU 1M20G	Version
Order No.	1788710000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206254	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, high, Size of cable entries: M 20
Type	HDC 25A TOLU 1M25G	Version
Order No.	1788700000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206247	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, high, Size of cable entries: M 25
Type	HDC 25A TOLU 1PG21G	Version
Order No.	1664870000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421571	plugged condition, Cable entry from top, Plug housing, End-locking
Qty.	1 ST	clamp, lower side, high, Size of cable entries: PG 21

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Accessories

Hood, Cable Entry sideways



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General ordering data

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