HDC 16A DMDL 2BO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

IP65 | | RoHS COMPLIANT

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 upper part of housing, End-locking clamp, lower side, Standard, Size of cable entries: none
Order No.	1665910000
Type	HDC 16A DMDL 2BO
GTIN (EAN)	4008190422943
Qty.	1 items

Creation date 22.12.2025 01:42:47 MEZ

HDC 16A DMDL 2BO

Technical data

Approvals

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

Dimensions and weights

Depth	89 mm	Depth (inches)	3.5039 inch
Height	19.5 mm	Height (inches)	0.7677 inch
Width	29.5 mm	Width (inches)	1.1614 inch
Length	89 mm	Length (inches)	3.5039 inch
Net weight	46 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
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

Dimensions

Cable entry	For bases	Width housing C	29.5 mm
Total length housing	79 mm	Height of housing B	19.5 mm

Creation date 22.12.2025 01:42:47 MEZ

HDC 16A DMDL 2BO

Technical data

General data

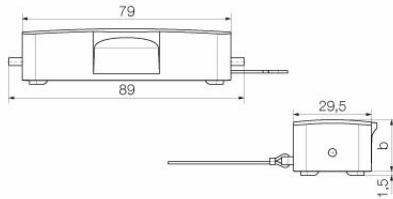|			
Tightening torque	0.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

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 upper part of housing
Design of locking system	End-locking clamp, lower side	Design	Standard
Installation size	5	Cable entry	For bases
Type	Cover	Clamp version	End-locking clamp
Sealing	NBR	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		

HDC 16A DMDL 2BO

Drawings

Accessories

Base housing

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

Type	HDC 16A SLU 1M25G	Version
Order No.	1902330000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248591916	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 16A SLU 1PG21G	Version
Order No.	1665090000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421793	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 21
Type	HDC 16A SLU 2M20G	Version
Order No.	1788770000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206315	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 20
Type	HDC 16A SLU 2M25G	Version
Order No.	1788760000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206308	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 16A SLU 2PG16G	Version
Order No.	1665070000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421779	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16

HDC 16A DMDL 2BO

Accessories

Bulkhead housing

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

Type	HDC 16A ALU	Version
Order No.	1664920000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190421625	plugged condition, Bulkhead housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: none

Coupling housing

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

Type	HDC 16A KLU 1PG16G	Version
Order No.	1665450000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4008190422158	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 16A KLU 1M25G	Version
Order No.	1788800000	HDC enclosures, Installation size: 5, Protection degree: IP65, in
GTIN (EAN)	4032248206346	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25

Creation date 22.12.2025 01:42:47 MEZ