

HDC 16A DMDL 2BO**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: 5, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, End-locking clamp, lower side, Standard
Order No.	1665910000
Type	HDC 16A DMDL 2BO
GTIN (EAN)	4008190422943
Qty.	1 pc(s).

HDC 16A DMDL 2BO

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Technical data

Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 inch
Height	19.5 mm	Height (inches)	0.768 inch
Width	29.5 mm	Width (inches)	1.161 inch
Net weight	46 g		

Temperatures

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

Cable entry	For bases	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 bases
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cover for upper part of housing
Design of locking system	End-locking clamp, lower side	Sealing	NBR
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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@4b824632 de.myview.objectmodel.impl.BlockImpl@2212e4a1 de.myview.objectmodel.impl.BlockImpl@43f30f13 de.myview.objectmodel.impl.BlockImpl@7bfd31ff de.myview.objectmodel.impl.BlockImpl@22975b64 de.myview.objectmodel.impl.BlockImpl@1795947b de.myview.objectmodel.impl.BlockImpl@4cc59a0d de.myview.objectmodel.impl.BlockImpl@5e2528a3 de.myview.objectmodel.impl.BlockImpl@46710478 de.myview.objectmodel.impl.BlockImpl@7d7c6681 de.myview.objectmodel.impl.BlockImpl@1d099ed1 de.myview.objectmodel.impl.BlockImpl@6a9edde3 de.myview.objectmodel.impl.BlockImpl@2482460c

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	1665910000 HDC 16A DMDL 2BO_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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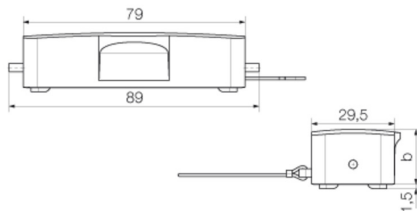
Catalogue status 18.05.2024 / We reserve the right to make technical changes.

HDC 16A DMDL 2B0

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Drawings



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www.weidmueller.com**Accessories****Coupling housing**

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General ordering data

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

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Accessories

Bulkhead housing



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General ordering data

Type	HDC 16A ALU	Version
Order No.	1664920000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421625	
Qty.	1 pc(s).	

Base housing



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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General ordering data

Type	HDC 16A SLU 1PG21G	Version
Order No.	1665090000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190421793	
Qty.	1 pc(s).	
Type	HDC 16A SLU 2M25G	Version
Order No.	1788760000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248206308	
Qty.	1 pc(s).	

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