

HDC 16A DMDL 2B0

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 2B0
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
ECLASS 14.0	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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Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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Technical data

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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1402ff55 de.myview.objectmodel.impl.BlockImpl@55185798 de.myview.objectmodel.impl.BlockImpl@201b0135 de.myview.objectmodel.impl.BlockImpl@7138b076 de.myview.objectmodel.impl.BlockImpl@72c30153 de.myview.objectmodel.impl.BlockImpl@65f02c04 de.myview.objectmodel.impl.BlockImpl@1d1a9b26 de.myview.objectmodel.impl.BlockImpl@299533f3 de.myview.objectmodel.impl.BlockImpl@43b6760b de.myview.objectmodel.impl.BlockImpl@27c2e275 de.myview.objectmodel.impl.BlockImpl@6e489e00 de.myview.objectmodel.impl.BlockImpl@6e422291 de.myview.objectmodel.impl.BlockImpl@1eb4177c
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

Approvals

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

HDC 16A DMDL 2BO**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Technical data****Downloads**Approval/Certificate/Document of Con-
formity[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](#)

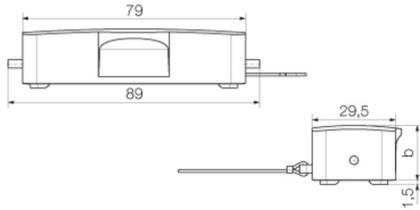
Data sheet

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Drawings



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Accessories

Coupling housing



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General ordering data

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, Size of cable entries: M 25	
GTIN (EAN)	4032248206346		
Qty.	1 pc(s).		
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, Size of cable entries: PG 16	
GTIN (EAN)	4008190422158		
Qty.	1 pc(s).		

Base housing



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General ordering data

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

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Accessories

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

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).	