Weidmüller ⋤

HDC 04A DMDL 2BO

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: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
Order No.	1665750000
Type	HDC 04A DMDL 2BO
GTIN (EAN)	4008190422776
Qty.	1 pc(s).

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HDC 04A DMDL 2BO

Technical data

Dimensions and weights

Depth	26.8 mm	Depth (inches)	1.055 inch
Height	17.5 mm	Height (inches)	0.689 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	14.6 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Cable entry	with female	Height of housing B	17.5 mm
Total length housing	26.8 mm	Width housing C	26.8 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Protection degree	IP65 (in plugged condition)	Surface finish	
			Powder coating
Tightening torque	0.5 Nm		

Version

BG	1	Cable entry	with female
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cover for lower part of housing
	Standard		
Design of locking system	Side-locking clamp on lower side	Sealing	
			NBR
Size	1	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@36323189 de.myview.objectmodel.impl.BlockImpl@3c2e7124 de.myview.objectmodel.impl.BlockImpl@5475bbbb de.myview.objectmodel.impl.BlockImpl@8375eff de.myview.objectmodel.impl.BlockImpl@2f2e9809 de.myview.objectmodel.impl.BlockImpl@60467b99 de.myview.objectmodel.impl.BlockImpl@1917bc49 de.myview.objectmodel.impl.BlockImpl@2b65c932 de.myview.objectmodel.impl.BlockImpl@7050f287 de.myview.objectmodel.impl.BlockImpl@2399c5a7 de.myview.objectmodel.impl.BlockImpl@748d069 de.myview.objectmodel.impl.BlockImpl@261b5eb de.myview.objectmodel.impl.BlockImpl@75d2abea
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

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HDC 04A DMDL 2BO

Technical data

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – 1665750000_HDC_04A_DMDL_2BO_STP.dxf
	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings
	20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1665750000_HDC_04A_DMDL_2BO_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN

HDC 04A DMDL 2BO

Accessories

Coupling hood

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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 04A KOLU 1PG11G	Version
Order No.	1652500000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190402570	condition), Coupling housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard, Size of cable entries: PG 11
Type	HDC 04A KOLU 1M20G	Version
Order No.	1788840000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206384	condition), Coupling housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard, Size of cable entries: M 20

Base enclosure

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General ordering data

Type	HDC 04A SLU 1PG11G	Version
Order No.	1652490000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190402563	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: PG 11

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Accessories

Type	HDC 04A SLU 1M20G	Version
Order No.	1788830000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206377	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: M 20

Angled bulkhead housing

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General ordering data

Type	HDC 04A AWLU	Version
Order No.	1497700000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190074937	condition), Bulkhead housing, Side-locking clamp on lower side,
Qty.	1 pc(s).	Standard

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Accessories

Screw mounting housing

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General ordering data

Type	HDC 04A ELU 1M20G	Version
Order No.	1900320000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248592883	condition), Screw mounting housing, Side-locking clamp on lower
Qty.	1 pc(s).	side, Standard, Size of cable entries: M 20
Type	HDC 04A ELU 1PG13S	Version
Order No.	1900330000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248592890	condition), Screw mounting housing, Side-locking clamp on lower
Qty.	1 pc(s).	side, Standard, Size of cable entries: PG 13.5

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Accessories

Bulkhead enclosure

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General ordering data

Type	HDC 04A ALU	Version	
Order No.	1497600000		HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190136406		condition), Bulkhead housing, Side-locking clamp on lower side,
Qty.	1 pc(s).		Standard

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