

HDC 10B DMDQ 4B0**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: 4, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on upper side, Standard
Order No.	1665250000
Type	HDC 10B DMDQ 4B0
GTIN (EAN)	4008190421953
Qty.	1 pc(s).

HDC 10B DMDQ 4BO

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	18 mm	Height (inches)	0.709 inch
Width	58.5 mm	Width (inches)	2.303 inch
Net weight	64 g		

Temperatures

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

Cable entry	For hoods	Height of housing B	18 mm
Total length housing	73 mm	Width housing C	43 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		

Version

BG	4	Cable entry	For hoods
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cover for upper part of housing
Design of locking system	Side-locking clamp on upper side	Sealing	NBR
Size	4	Suitable for ModuPlug®	Yes
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@3862a1aa de.myview.objectmodel.impl.BlockImpl@60016174 de.myview.objectmodel.impl.BlockImpl@578d687c de.myview.objectmodel.impl.BlockImpl@7781d45b de.myview.objectmodel.impl.BlockImpl@5ac344f0 de.myview.objectmodel.impl.BlockImpl@3122841d de.myview.objectmodel.impl.BlockImpl@dd0d4cd de.myview.objectmodel.impl.BlockImpl@748aea20 de.myview.objectmodel.impl.BlockImpl@342ed485 de.myview.objectmodel.impl.BlockImpl@1189ac71 de.myview.objectmodel.impl.BlockImpl@1af46431 de.myview.objectmodel.impl.BlockImpl@398c56a5 de.myview.objectmodel.impl.BlockImpl@7bc437ed

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	1665250000 HDC 10B DMDQ 4BO STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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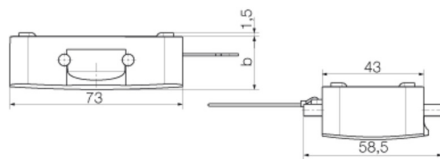
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Drawings



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Accessories

Hood, Cable Entry at top



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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 10B TOBO 1PG16G	Version
Order No.	1654860000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190407865	
Qty.	1 pc(s).	
Type	HDC 10B TOBO 1M25G	Version
Order No.	1787610000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248204953	
Qty.	1 pc(s).	
Type	HDC 24D TOBO 1PG29G	Version
Order No.	1654920000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190407926	
Qty.	1 pc(s).	

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Accessories

Plug housing, cable entry sideways



The new RockStar® enclosures are resistant to seawater and offer a high degree of shock resistance, meet IP 68 and IP 69K, and have been developed for use under extreme environmental conditions and designed for the high vibration requirements acc. to DIN EN 61373 cat. 2 (bogie). As such, this housing family is ideally suited for fault- and maintenance-free operation of heavy-duty connectors in transport and traffic engineering as well as in power engineering and in applications with extreme requirements. During development, measures were also implemented to make the enclosures extremely EMC-resistant.

General ordering data

Type	HDC 10B TSB0 1M20G	Version
Order No.	2498220000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), IP68 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: M 20
GTIN (EAN)	4050118514049	
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 10B TSB0 1PG16G	Version
Order No.	1654750000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190407759	
Qty.	1 pc(s).	
Type	HDC 24D TSB0 1PG21G	Version
Order No.	1654790000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on upper side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190407797	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	HDC 24D TSBO 1M32G	Version
Order No.	1787250000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204595	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, high, Size of cable entries: M 32
Type	HDC 10B TSBO 1M25G	Version
Order No.	1787570000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204915	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, Standard, Size of cable entries: M 25
Type	HDC 24D TSBO 1M25G	Version
Order No.	1787260000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248204601	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, high, Size of cable entries: M 25
Type	HDC 24D TSBO 1PG16G	Version
Order No.	1654810000	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190407810	condition), Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 pc(s).	upper side, high, Size of cable entries: PG 16