

HDC 40D TOBU 1PG29G**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.

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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

Version	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
Order No.	1656650000
Type	HDC 40D TOBU 1PG29G
GTIN (EAN)	4008190409661
Qty.	1 pc(s).

HDC 40D TOBU 1PG29G

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Technical data

Dimensions and weights

Depth	93.3 mm	Depth (inches)	3.673 inch
Height	76 mm	Height (inches)	2.992 inch
Width	57.8 mm	Width (inches)	2.276 inch
Net weight	268 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	76 mm
Total length housing	93.3 mm	Width housing C	43 mm

General data

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

Version

BG	6	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from top, Plug housing
	high		
Design of locking system	Side-locking clamp on lower side	Internal thread	PG 29
Number of cable entry on top	1	Number of cable entry sideways	0
Size	6	Size of cable entries	PG 29
Suitable for ModuPlug®	Yes	Top part/bottom part/lid	upper part
Type	Plug		

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

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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@6d1321aa de.myview.objectmodel.impl.BlockImpl@c8cbe1a de.myview.objectmodel.impl.BlockImpl@2762702e de.myview.objectmodel.impl.BlockImpl@f0a107b de.myview.objectmodel.impl.BlockImpl@7be07e41 de.myview.objectmodel.impl.BlockImpl@12f57349 de.myview.objectmodel.impl.BlockImpl@26a28239 de.myview.objectmodel.impl.BlockImpl@7974c75e de.myview.objectmodel.impl.BlockImpl@19eac47 de.myview.objectmodel.impl.BlockImpl@38c8e806 de.myview.objectmodel.impl.BlockImpl@a49066c de.myview.objectmodel.impl.BlockImpl@55d86e4c de.myview.objectmodel.impl.BlockImpl@21500c24

Approvals

Approvals



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

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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

[1656650000 HDC_40D_TOBU_1PG29G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

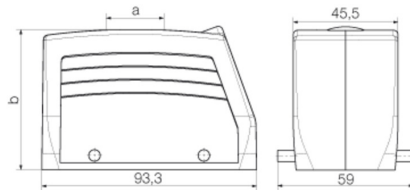
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Drawings



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Accessories

Bulkhead housing



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General ordering data

Type	HDC 16B ABU N	Version
Order No.	2488590000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4050118541526	
Qty.	1 pc(s).	
Type	HDC 16B ABU	Version
Order No.	1208600000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard
GTIN (EAN)	4008190881351	
Qty.	1 pc(s).	

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Accessories

Cover



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General ordering data

Type	HDC 16B DMDQ 2QB	Version
Order No.	1665270000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190421977	
Qty.	1 pc(s).	

Base housing



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General ordering data

Type	HDC 40D SBU 2PG21G	Version
Order No.	1656810000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190409821	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1M25G	Version
Order No.	1899980000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248520718	
Qty.	1 pc(s).	

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Accessories

Type	HDC 40D SBU 1M32G	Version
Order No.	1902990000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248592968	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M32G	Version
Order No.	1787110000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204458	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M25G	Version
Order No.	1787120000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204465	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1PG21G N	Version
Order No.	2560940000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4050118676716	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2PG21G	Version
Order No.	1656730000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190409746	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1M25G N	Version
Order No.	2560740000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4050118673234	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2PG21G N	Version
Order No.	2560950000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4050118676921	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1M25G	Version
Order No.	1902970000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248592951	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2M25G	Version
Order No.	1788240000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205776	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1PG21G	Version
Order No.	1656720000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190409739	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M25G N	Version
Order No.	2561020000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118676914	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1M32G N	Version
Order No.	2561030000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118676464	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M32G N	Version
Order No.	2561040000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118676457	
Qty.	1 pc(s).	

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

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Accessories

Type	HDC 40D SBU 2PG29G	Version
Order No.	1656840000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190409852	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2M25G N	Version
Order No.	2560930000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4050118673531	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1PG29G	Version
Order No.	1656830000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190409845	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1PG29G N	Version
Order No.	2560770000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118893595	
Qty.	1 pc(s).	

Coupling hood



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General ordering data

Type	HDC 40D KBU 1PG21G	Version
Order No.	1657310000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190410360	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1M25G N	Version
Order No.	2559890000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118676440	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1M32G N	Version
Order No.	2559900000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118673265	
Qty.	1 pc(s).	
Type	HDC 40D KBU 2M32G N	Version
Order No.	2545510000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118558333	
Qty.	1 pc(s).	

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Type	HDC 40D KBU 1M25G	Version
Order No.	1787200000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204540	
Qty.	1 pc(s).	
Type	HDC 16B KBU 1PG21G	Version
Order No.	1657270000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190410322	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1PG29G	Version
Order No.	1967670000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4032248670178	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1M32G	Version
Order No.	1787190000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204533	
Qty.	1 pc(s).	