

HDC 40D KBU 1PG21G

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), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
Order No.	1657310000
Type	HDC 40D KBU 1PG21G
GTIN (EAN)	4008190410360
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	79 mm	Height (inches)	3.11 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	334 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	79 mm
Total length housing	93 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	6	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Coupling housing
Design of locking system	Side-locking clamp on lower side	Internal thread	PG 21
Number of cable entry on top	1	Number of cable entry sideways	0
Sealing	NBR	Size	6
Size of cable entries	PG 21	Suitable for ModuPlug®	Yes
Top part/bottom part/lid	lower part	Type	coupling extension

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
Chemical resistance	Resistant

Creation date October 6, 2024 1:35:22 AM CEST

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Technical data

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 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@3e69061a de.myview.objectmodel.impl.BlockImpl@32689864 de.myview.objectmodel.impl.BlockImpl@42a01abf de.myview.objectmodel.impl.BlockImpl@343779f1 de.myview.objectmodel.impl.BlockImpl@4298e0bb de.myview.objectmodel.impl.BlockImpl@34c5fb34 de.myview.objectmodel.impl.BlockImpl@76f27af1 de.myview.objectmodel.impl.BlockImpl@79056d2f de.myview.objectmodel.impl.BlockImpl@7c1dd78c de.myview.objectmodel.impl.BlockImpl@679a9f60 de.myview.objectmodel.impl.BlockImpl@2da5490 de.myview.objectmodel.impl.BlockImpl@50643df1 de.myview.objectmodel.impl.BlockImpl@425721c6
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 40D KBU 1PG21G**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

[1657310000 HDC_40D_KBU_1PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

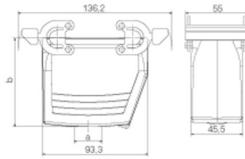
Data sheet

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Drawings



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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 40D TSBU 1M32G	Version
Order No.	1787000000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204243	
Qty.	1 pc(s).	
Type	HDC 40D TSBU 1PG21G	Version
Order No.	1656520000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190409531	
Qty.	1 pc(s).	
Type	HDC 16B TSBU 1M40G	Version
Order No.	1809620000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248284979	
Qty.	1 pc(s).	
Type	HDC 40D TSBU 1M40G	Version
Order No.	1904800000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40
GTIN (EAN)	4032248521852	
Qty.	1 pc(s).	
Type	HDC 16B TSBU 1PG21G	Version
Order No.	1656480000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190409494	
Qty.	1 pc(s).	
Type	HDC 40D TSBU 1M25G	Version
Order No.	1787010000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204250	
Qty.	1 pc(s).	
Type	HDC 16B TSBU 1M25G	Version
Order No.	1788180000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205714	
Qty.	1 pc(s).	
Type	HDC 40D TSBU 1PG29G	Version
Order No.	1656540000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190409555	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 16B TOBU 1PG21G	Version
Order No.	1656590000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190409609	
Qty.	1 pc(s).	
Type	HDC 40D TOBU 2M25	Version
Order No.	1208380000	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248100248	
Qty.	1 pc(s).	
Type	HDC 16B TOBU 1M25G	Version
Order No.	1788210000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248205745	
Qty.	1 pc(s).	
Type	HDC 40D TOBU 1PG29G	Version
Order No.	1656650000	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
GTIN (EAN)	4008190409661	
Qty.	1 pc(s).	
Type	HDC 40D TOBU 1M25G	Version
Order No.	1787070000	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: M 25
GTIN (EAN)	4032248204410	
Qty.	1 pc(s).	
Type	HDC 40D TOBU 1PG21G	Version
Order No.	1656630000	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 21
GTIN (EAN)	4008190409647	
Qty.	1 pc(s).	
Type	HDC 40D TOBU 1M32G	Version
Order No.	1787060000	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: M 32
GTIN (EAN)	4032248204304	
Qty.	1 pc(s).	

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Accessories

Cover



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General ordering data

Type	HDC 16B DODQ 4B0	Version	
Order No.	1665260000		HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190421960		
Qty.	1 pc(s).		