HDC 16B KBU 1PG21G

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: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
Order No.	1657270000
Type	HDC 16B KBU 1PG21G
GTIN (EAN)	4008190410322
Qty.	1 pc(s).

Weidmüller Э�

HDC 16B KBU 1PG21G

Technical data

Dimensions and weights

Height	64 mm	Height (inches)	2.52 inch
Width	55 mm	Width (inches)	2.165 inch
Net weight	286 g		

Temperatures

Limit temperature	-40 °C ... 125 °C

Dimensions

Cable entry	w. thread	Height of housing B	64 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	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	Standard	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®	No
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

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 April 28, 2024 4:07:05 AM CEST

Weidmüller ∃E

HDC 16B KBU 1PG21G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@15209007 de.myview.objectmodel.impl.BlockImpl@7daf49ca de.myview.objectmodel.impl.BlockImpl@3fda1430 de.myview.objectmodel.impl.BlockImpl@1663ddcc de.myview.objectmodel.impl.BlockImpl@752d7af de.myview.objectmodel.impl.BlockImpl@343f96 de.myview.objectmodel.impl.BlockImpl@6fa0d034 de.myview.objectmodel.impl.BlockImpl@6725fdb1 de.myview.objectmodel.impl.BlockImpl@76dba155 de.myview.objectmodel.impl.BlockImpl@57b2f897 de.myview.objectmodel.impl.BlockImpl@3e7aa325 de.myview.objectmodel.impl.BlockImpl@767a092e de.myview.objectmodel.impl.BlockImpl@5d80dfbd

Approvals

Approvals	C E c UL us
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

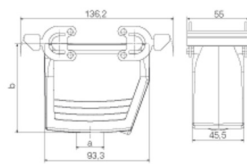| Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1657270000_HDC_16B_KBU_1PG21G_STP_Blatt__1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date April 28, 2024 4:07:05 AM CEST

HDC 16B KBU 1PG21G

Drawings

Creation date April 28, 2024 4:07:05 AM CEST

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

4

Weidmüller 3€

HDC 16B KBU 1PG21G

Accessories

Hood, Cable Entry at top

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

Type	HDC 40D TOBU 2M25	Version	
Order No.	1208380000	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged	
GTIN (EAN)	4032248100248	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 25	
Type	HDC 40D TOBU 1PG29G	Version	
Order No.	1656650000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190409661	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 29	
Type	HDC 40D TOBU 1PG21G	Version	
Order No.	1656630000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190409647	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: PG 21	
Type	HDC 16B TOBU 1PG21G	Version	
Order No.	1656590000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4008190409609	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 21	
Type	HDC 40D TOBU 1M32G	Version	
Order No.	1787060000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248204304	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 32	
Type	HDC 40D TOBU 1M25G	Version	
Order No.	1787070000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248204410	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, high, Size of cable entries: M 25	
Type	HDC 16B TOBU 1M25G	Version	
Order No.	1788210000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged	
GTIN (EAN)	4032248205745	condition), Cable entry from top, Plug housing, Side-locking clamp on	
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 25	

Weidmüller ⧖

HDC 16B KBU 1PG21G

Accessories

Hood, Cable Entry sideways

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

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

Creation date April 28, 2024 4:07:05 AM CEST

HDC 16B KBU 1PG21G

Accessories

Cover

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

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

Creation date April 28, 2024 4:07:05 AM CEST