

**HDC 10B KLU 1PG16G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
Order No.	<a href="#">1655890000</a>
Type	HDC 10B KLU 1PG16G
GTIN (EAN)	4008190408916
Qty.	1 pc(s).

## HDC 10B KLU 1PG16G

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## Technical data

## Dimensions and weights

Height	55 mm	Height (inches)	2.165 inch
Width	72.4 mm	Width (inches)	2.85 inch
Net weight	193 g		

## Temperatures

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

Cable entry	w. thread	Height of housing B	55 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		Protection degree	IP65 (in plugged condition)
Surface finish	Stainless steel, rust-proof		
	Powder coating		

## Version

BG	4	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Coupling housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 16
Number of cable entry on top	1	Number of cable entry sideways	0
Sealing	NBR	Size	4
Size of cable entries	PG 16	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

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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@6a1f6835 de.myview.objectmodel.impl.BlockImpl@6f1f02b0 de.myview.objectmodel.impl.BlockImpl@5d86b661 de.myview.objectmodel.impl.BlockImpl@1093a4a5 de.myview.objectmodel.impl.BlockImpl@15c3842 de.myview.objectmodel.impl.BlockImpl@1641a05b de.myview.objectmodel.impl.BlockImpl@7e1c394c de.myview.objectmodel.impl.BlockImpl@73271ca6 de.myview.objectmodel.impl.BlockImpl@13d9a4a8 de.myview.objectmodel.impl.BlockImpl@8019df0 de.myview.objectmodel.impl.BlockImpl@17c803e5 de.myview.objectmodel.impl.BlockImpl@5c41ff96 de.myview.objectmodel.impl.BlockImpl@263fc52

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1655890000 HDC 10B KLU 1PG16G_STP_Blatt_1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

Creation date May 3, 2024 12:35:15 PM CEST

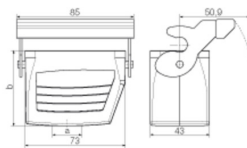
Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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## Drawings



## HDC 10B KLU 1PG16G

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 24D TOLU 1PG29G	Version
Order No.	<a href="#">1655380000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190408381	
Qty.	1 pc(s).	
Type	HDC 24D TOLU 1M32G	Version
Order No.	<a href="#">1787330000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204670	
Qty.	1 pc(s).	
Type	HDC 24D TOLU 1PG21G	Version
Order No.	<a href="#">1655360000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190408367	
Qty.	1 pc(s).	
Type	HDC 24D TOLU 1M25G	Version
Order No.	<a href="#">1787340000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204687	
Qty.	1 pc(s).	
Type	HDC 10B TOLU 1M25G	Version
Order No.	<a href="#">1787620000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248204960	
Qty.	1 pc(s).	
Type	HDC 10B TOLU 1PG16G	Version
Order No.	<a href="#">1655320000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190408329	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 24D TSLU 1M32G	Version
Order No.	<a href="#">1787270000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204618	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 24D TSLU 1PG29G	Version
Order No.	<a href="#">1655270000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190408275	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 24D TSLU 1PG21G	Version
Order No.	<a href="#">1655250000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190408251	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 10B TSLU 1M25G	Version
Order No.	<a href="#">1787580000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204922	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 24D TSLU 1M25G	Version
Order No.	<a href="#">1787280000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204625	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 10B TSLU 1PG16G	Version
Order No.	<a href="#">1655210000</a>	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190408213	lower side, Standard, Size of cable entries: PG 16
Qty.	1 pc(s).	