

HDC 40D SDLU 1PG29G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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), Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: PG 29
Order No.	1658410000
Type	HDC 40D SDLU 1PG29G
GTIN (EAN)	4008190411459
Qty.	1 pc(s).

HDC 40D SDLU 1PG29G

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Technical data

Dimensions and weights

Height	102 mm	Height (inches)	4.016 inch
Width	99.5 mm	Width (inches)	3.917 inch
Mounting dimension - height	45 mm	Mounting dimension - width	105 mm
Net weight	528 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	5 mm
Height of housing B	102 mm	Hole pitch length A2	105 mm
Total length housing	93.3 mm	Width base C1	56.5 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 class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating

Version

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

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	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
ECLASS 15.0	27-44-02-02		

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant

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Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@24e56b3b de.myview.objectmodel.impl.BlockImpl@e571ab3 de.myview.objectmodel.impl.BlockImpl@6d76feeb de.myview.objectmodel.impl.BlockImpl@6980776f de.myview.objectmodel.impl.BlockImpl@663375d7 de.myview.objectmodel.impl.BlockImpl@50877920 de.myview.objectmodel.impl.BlockImpl@adc547d de.myview.objectmodel.impl.BlockImpl@608d7146 de.myview.objectmodel.impl.BlockImpl@1ded3d4d de.myview.objectmodel.impl.BlockImpl@76c809a9 de.myview.objectmodel.impl.BlockImpl@1edfc4b1 de.myview.objectmodel.impl.BlockImpl@1553816d de.myview.objectmodel.impl.BlockImpl@6120c1df

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Technical data

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

[1658410000 HDC_40D SDLU_1PG29G STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

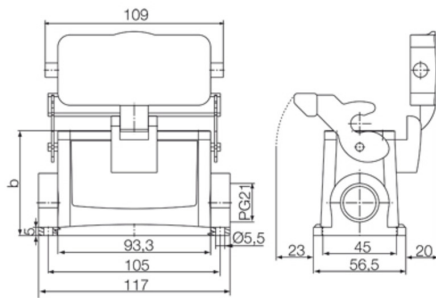
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Drawings



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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 40D TOLU 1M40G	Version
Order No.	1139680000	HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40
GTIN (EAN)	4032248959792	
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1M25G	Version
Order No.	1788230000	HDC enclosures, Size: 6, 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)	4032248205769	
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1M32G	Version
Order No.	1787100000	HDC enclosures, Size: 6, 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)	4032248204441	
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1PG21G	Version
Order No.	1657960000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190411015	
Qty.	1 pc(s).	
Type	HDC 16B TOLU 1M32G	Version
Order No.	1804630000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248267552	
Qty.	1 pc(s).	
Type	HDC 40D TOLU 1PG29G	Version
Order No.	1658020000	HDC enclosures, Size: 6, 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)	4008190411077	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 40D TSLU 1M32G	Version
Order No.	1787040000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204281	lower side, high, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1M25G	Version
Order No.	1788200000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205738	lower side, Standard, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1PG21G	Version
Order No.	1657850000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410902	lower side, Standard, Size of cable entries: PG 21
Qty.	1 pc(s).	
Type	HDC 16B TSLU 1M32G	Version
Order No.	1804640000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267569	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M25G	Version
Order No.	1787050000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248204298	lower side, high, Size of cable entries: M 25
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1M40G	Version
Order No.	1804650000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248267576	lower side, high, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG29G	Version
Order No.	1657910000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410964	lower side, high, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 40D TSLU 1PG21G	Version
Order No.	1657890000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190410933	lower side, high, Size of cable entries: PG 21
Qty.	1 pc(s).	