

HDC 48B SDLU 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.

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: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
Order No.	1799810000
Type	HDC 48B SDLU 1PG29G
GTIN (EAN)	4032248247035
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	143 mm	Depth (inches)	5.63 inch
Height	120 mm	Height (inches)	4.724 inch
Width	166.2 mm	Width (inches)	6.543 inch
Mounting dimension - height	106 mm	Mounting dimension - width	111 mm
Net weight	1,397.44 g		

Temperatures

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

Cable entry	w. thread	Height of base B1	10 mm
Height of housing B	120 mm	Hole pitch length A2	111 mm
Total length housing	132 mm	Width base C1	120 mm
Width housing C	90 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
Tightening torque	1.2 Nm		

Version

BG	12	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Cover	with cover	Design	Standard
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	12
Size of cable entries	PG 29	Suitable for ModuPlug®	Yes
Tightening torque	1.2 Nm	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

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Substance	Diesel
Chemical resistance	Resistant
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	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@50aee4df de.myview.objectmodel.impl.BlockImpl@4ebffc2f de.myview.objectmodel.impl.BlockImpl@7169a2a8 de.myview.objectmodel.impl.BlockImpl@2def510d de.myview.objectmodel.impl.BlockImpl@ac0d073 de.myview.objectmodel.impl.BlockImpl@3baf0b80 de.myview.objectmodel.impl.BlockImpl@7ef92bf de.myview.objectmodel.impl.BlockImpl@505fcc76 de.myview.objectmodel.impl.BlockImpl@5c10dd46 de.myview.objectmodel.impl.BlockImpl@1fa03e4f de.myview.objectmodel.impl.BlockImpl@64a13d6e de.myview.objectmodel.impl.BlockImpl@4ab361f0 de.myview.objectmodel.impl.BlockImpl@10136f0d

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

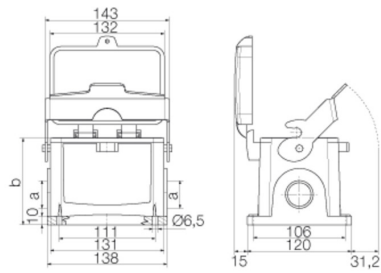
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Hood, Cable Entry at top



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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

Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 50
GTIN (EAN)	4032248205868	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248205875	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190299606	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 36
GTIN (EAN)	4008190299620	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, Size: 12, 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)	4032248205882	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 48B TSLU 1PG42G	Version
Order No.	1670470000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190431556	lower side, Standard, Size of cable entries: PG 42
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M40G	Version
Order No.	1788310000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205844	lower side, Standard, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG29G	Version
Order No.	1650850000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299453	lower side, Standard, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M32G	Version
Order No.	1788320000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205851	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M50G	Version
Order No.	1788300000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205837	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG36G	Version
Order No.	1650860000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299460	lower side, Standard, Size of cable entries: PG 36
Qty.	1 pc(s).	