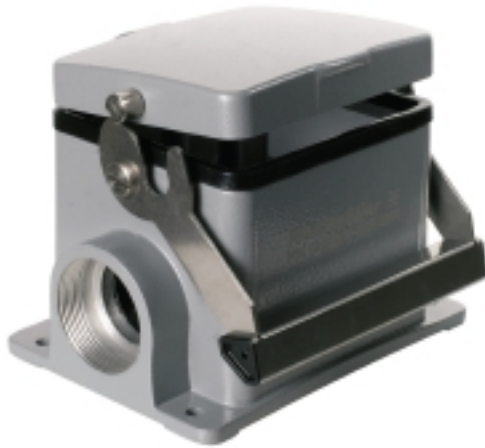


HDC 48A SDLU 1PG29G**Weidmüller Interface GmbH & Co. KG**

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: 9, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
Order No.	1666810000
Type	HDC 48A SDLU 1PG29G
GTIN (EAN)	4008190423926
Qty.	1 pc(s).

HDC 48A SDLU 1PG29G

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Technical data

Dimensions and weights

Height	96 mm	Height (inches)	3.78 inch
Width	143.1 mm	Width (inches)	5.634 inch
Mounting dimension - height	67 mm	Mounting dimension - width	112 mm
Net weight	808 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	79 mm	Hole pitch length A2	112 mm
Total length housing	94 mm	Width base C1	92.5 mm
Width housing C	82.5 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	2 Nm		

Version

BG	9	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	9
Size of cable entries	PG 29	Suitable for ModuPlug®	No
Tightening torque	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
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

Creation date July 7, 2024 10:44:05 PM CEST

HDC 48A SDLU 1PG29G

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Technical data

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

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@16b252aa de.myview.objectmodel.impl.BlockImpl@768b6e2a de.myview.objectmodel.impl.BlockImpl@34021efc de.myview.objectmodel.impl.BlockImpl@75831878 de.myview.objectmodel.impl.BlockImpl@71a02360 de.myview.objectmodel.impl.BlockImpl@5cf7f940 de.myview.objectmodel.impl.BlockImpl@78a6f9dc de.myview.objectmodel.impl.BlockImpl@150b7e68 de.myview.objectmodel.impl.BlockImpl@6540e48a de.myview.objectmodel.impl.BlockImpl@69e3c9b de.myview.objectmodel.impl.BlockImpl@49394d8d de.myview.objectmodel.impl.BlockImpl@78f92fc de.myview.objectmodel.impl.BlockImpl@65095233

Approvals

Approvals



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

HDC 48A SDLU 1PG29G

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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

[1666810000 HDC 48A SDLU 1PG29G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

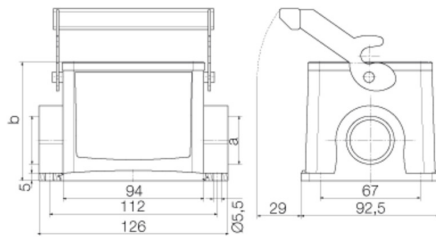
[FL FIELDWIRING EN](#)

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Drawings



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Accessories

Hood, Cable Entry at top



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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General ordering data

Type	HDC 48A TOLU 1M32G	Version
Order No.	1788560000	HDC enclosures, Size: 9, 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)	4032248206094	
Qty.	1 pc(s).	
Type	HDC 48A TOLU 1PG29G	Version
Order No.	1666730000	HDC enclosures, Size: 9, 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)	4008190423841	
Qty.	1 pc(s).	

Hood, Cable Entry sideways



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General ordering data

Type	HDC 48A TSLU 1PG29G	Version
Order No.	1666710000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190448127	
Qty.	1 pc(s).	

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Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories**

Type	HDC 48A TSLU 1M32G	Version
Order No.	1788550000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248206087	condition), Cable entry from side, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32