

HDC 48A TSLU 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: 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
Order No.	1666710000
Type	HDC 48A TSLU 1PG29G
GTIN (EAN)	4008190448127
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	79 mm	Height (inches)	3.11 inch
Width	82.5 mm	Width (inches)	3.248 inch
Net weight	414 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	78 mm
Total length housing	94 mm	Width housing C	82.5 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	Tightening torque	2 Nm
	Powder coating		

Version

BG	9	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from side, Plug housing
	Standard		
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
Size	9	Size of cable entries	PG 29
Suitable for ModuPlug®	No	Tightening torque	2 Nm
Top part/bottom part/lid	upper part	Type	Plug

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
ECLASS 14.0	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

Creation date October 4, 2024 6:03:13 AM CEST

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Technical data

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
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@3857cf21 de.myview.objectmodel.impl.BlockImpl@73924a50 de.myview.objectmodel.impl.BlockImpl@7acad0bd de.myview.objectmodel.impl.BlockImpl@56612453 de.myview.objectmodel.impl.BlockImpl@5049d779 de.myview.objectmodel.impl.BlockImpl@31e8c7ea de.myview.objectmodel.impl.BlockImpl@1d8ba652 de.myview.objectmodel.impl.BlockImpl@42174a0c de.myview.objectmodel.impl.BlockImpl@5c7baf28 de.myview.objectmodel.impl.BlockImpl@2b5bf4da de.myview.objectmodel.impl.BlockImpl@6b227ed5 de.myview.objectmodel.impl.BlockImpl@139d0e97 de.myview.objectmodel.impl.BlockImpl@129ee123
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

Approvals

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

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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

[1666710000 HDC_48A_TSLU_1PG29G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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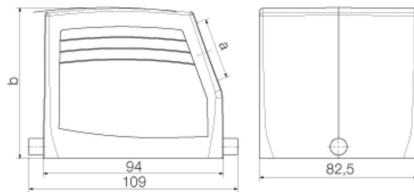
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Drawings



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Accessories

Base housing



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General ordering data

Type	HDC 48A SDLU 1PG29G	Version
Order No.	1666810000	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
GTIN (EAN)	4008190423926	
Qty.	1 pc(s).	
Type	HDC 48A SLU 1PG29G	Version
Order No.	1666770000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190423889	
Qty.	1 pc(s).	
Type	HDC 48A SLU 2M32G	Version
Order No.	1788570000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248206100	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Bulkhead housing**

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General ordering data

Type	HDC 48A ADLU	Version
Order No.	1666750000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
GTIN (EAN)	4008190423865	
Qty.	1 pc(s).	
Type	HDC 48A ALU	Version
Order No.	1666740000	HDC enclosures, Size: 9, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190423858	
Qty.	1 pc(s).	