

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

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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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@e5ab5a1 de.myview.objectmodel.impl.BlockImpl@2b97b9f4 de.myview.objectmodel.impl.BlockImpl@59349508 de.myview.objectmodel.impl.BlockImpl@1b815ee1 de.myview.objectmodel.impl.BlockImpl@402d178d de.myview.objectmodel.impl.BlockImpl@56e35e65 de.myview.objectmodel.impl.BlockImpl@2b020d64 de.myview.objectmodel.impl.BlockImpl@3a6538b3 de.myview.objectmodel.impl.BlockImpl@12dcc10d de.myview.objectmodel.impl.BlockImpl@5e00b545 de.myview.objectmodel.impl.BlockImpl@65d2facc de.myview.objectmodel.impl.BlockImpl@76e1e665 de.myview.objectmodel.impl.BlockImpl@241951d

Approvals

Approvals



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

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	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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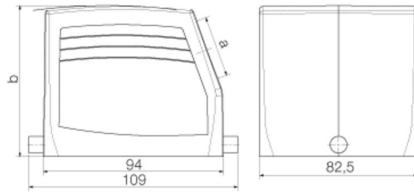
Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Drawings



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www.weidmueller.com**Accessories****Base housing**

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General ordering data

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).	
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 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).	

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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).	