

HDC 48B TSLU 1PG29G

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
Order No.	1650850000
Type	HDC 48B TSLU 1PG29G
GTIN (EAN)	4008190299453
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	151 mm	Depth (inches)	5.945 inch
Height	94 mm	Height (inches)	3.701 inch
Width	90 mm	Width (inches)	3.543 inch
Net weight	719 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	94 mm
Total length housing	132 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 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
Design	Standard	Design of housing	Cable entry from side, Plug 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
Size	12	Size of cable entries	PG 29
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
Top part/bottom part/lid	upper part	Type	Plug

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	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

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

Creation date March 2, 2023 3:05:05 PM CET

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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
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@3dbad046 de.myview.objectmodel.impl.BlockImpl@31a78d7f
 de.myview.objectmodel.impl.BlockImpl@3ebd933c de.myview.objectmodel.impl.BlockImpl@6a604999
 de.myview.objectmodel.impl.BlockImpl@1b38c73 de.myview.objectmodel.impl.BlockImpl@c72354f
 de.myview.objectmodel.impl.BlockImpl@5e04638e de.myview.objectmodel.impl.BlockImpl@36c0c556
 de.myview.objectmodel.impl.BlockImpl@2b8d17e9 de.myview.objectmodel.impl.BlockImpl@36c8879a
 de.myview.objectmodel.impl.BlockImpl@4bad9ade de.myview.objectmodel.impl.BlockImpl@7bf71c88
 de.myview.objectmodel.impl.BlockImpl@38867e40

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](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1650850000 HDC_48B_TSLU_1PG29G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)
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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Data sheet

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Drawings

