

HDC 25A TSLU 1PG21G**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: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21
Order No.	1664750000
Type	HDC 25A TSLU 1PG21G
GTIN (EAN)	4008190421458
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 inch
Height	72 mm	Height (inches)	2.835 inch
Width	32.5 mm	Width (inches)	1.28 inch
Net weight	163 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	72 mm
Total length housing	79 mm	Width housing C	29.5 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	0.5 Nm

Version

BG	5	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	high	Design of housing	Cable entry from side, Plug housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	5
Size of cable entries	PG 21	Suitable for ModuPlug®	No
Tightening torque	0.5 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
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
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol

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Technical data

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@7c4aa6cf de.myview.objectmodel.impl.BlockImpl@2d824b8f de.myview.objectmodel.impl.BlockImpl@22d49b18 de.myview.objectmodel.impl.BlockImpl@46b32f2b de.myview.objectmodel.impl.BlockImpl@6f6695ec de.myview.objectmodel.impl.BlockImpl@508775bc de.myview.objectmodel.impl.BlockImpl@568d28ef de.myview.objectmodel.impl.BlockImpl@9189f62 de.myview.objectmodel.impl.BlockImpl@528aa258 de.myview.objectmodel.impl.BlockImpl@39cb1720 de.myview.objectmodel.impl.BlockImpl@63e8aa6 de.myview.objectmodel.impl.BlockImpl@4b10e68c de.myview.objectmodel.impl.BlockImpl@4c8f05d4

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

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

[1664750000 HDC_25A_TSLU_1PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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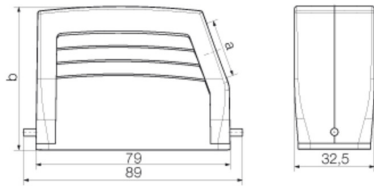
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Drawings



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www.weidmueller.com**Accessories****Cover**

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General ordering data

Type	HDC 16A DODL 1LB	Version
Order No.	1665900000	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190422936	
Qty.	1 pc(s).	