

HDC 64D TSZO 1PG21G**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: 8, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Central locking at the top, high, Size of cable entries: PG 21
Order No.	1663370000
Type	HDC 64D TSZO 1PG21G
GTIN (EAN)	4008190419899
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	76 mm	Height (inches)	2.992 inch
Width	149 mm	Width (inches)	5.866 inch
Net weight	408 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	76 mm
Total length housing	120 mm	Width housing C	43 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		
	Powder coating		

Version

BG	8	Cable entry	w. thread
Clamp version	Central-locking clamp	Colour (RAL)	RAL 7035
Design		Design of housing	Cable entry from side, Plug housing
	high		
Design of locking system	Central locking at the top	Internal thread	PG 21
Number of cable entry on top	0	Number of cable entry sideways	1
Size	8	Size of cable entries	PG 21
Suitable for ModuPlug®	Yes	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
Chemical resistance	Resistant
Substance	Transmission oil

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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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-Odda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@10d40391 de.myview.objectmodel.impl.BlockImpl@4858f169 de.myview.objectmodel.impl.BlockImpl@6c3cf5f2 de.myview.objectmodel.impl.BlockImpl@2c8d3a53 de.myview.objectmodel.impl.BlockImpl@1c757cd8 de.myview.objectmodel.impl.BlockImpl@13291586 de.myview.objectmodel.impl.BlockImpl@1831f174 de.myview.objectmodel.impl.BlockImpl@5d2b0f83 de.myview.objectmodel.impl.BlockImpl@6a0f2b42 de.myview.objectmodel.impl.BlockImpl@315196a0 de.myview.objectmodel.impl.BlockImpl@267c7baf de.myview.objectmodel.impl.BlockImpl@232e2ff4 de.myview.objectmodel.impl.BlockImpl@30e855e8

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

HDC 64D TSO 1PG21G

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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

[1663370000 HDC_64D_TSO_1PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

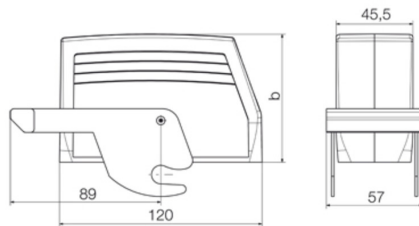
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Drawings



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Accessories

Base housing



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General ordering data

Type	HDC 64D SZO 2PG29G	Version
Order No.	1968370000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Base housing, Central locking at the top, high, Size of cable entries: PG 29
GTIN (EAN)	4032248689385	
Qty.	1 pc(s).	

Bulkhead housing



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General ordering data

Type	HDC 24B AZO	Version
Order No.	1611350000	HDC enclosures, Size: 8, Protection degree: IP65 (in plugged condition), Bulkhead housing, Central locking at the top, Standard
GTIN (EAN)	4008190870805	
Qty.	1 pc(s).	