

HDC 07A TOLU 1M20G**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: 1, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	1788520000
Type	HDC 07A TOLU 1M20G
GTIN (EAN)	4032248206056
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	26.8 mm	Depth (inches)	1.055 inch
Height	50 mm	Height (inches)	1.969 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	13 g		

Temperatures

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

Cable entry	w. thread	Height of housing B	50 mm
Total length housing	26.8 mm	Width housing C	26.8 mm

General data

EMC housings	No	Housing main material	Plastic
Protection degree	IP65 (in plugged condition)	Tightening torque	0.5 Nm
UL 94 flammability rating	V-0		

Version

BG	1	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 1001
Design	Standard	Design of housing	Cable entry from top, Plug housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 20
Number of cable entry on top	1	Number of cable entry sideways	0
Size	1	Size of cable entries	M 20
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
Chemical resistance	Resistant

Creation date May 11, 2025 7:20:30 PM CEST

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Technical data

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	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@4775175d de.myview.objectmodel.impl.BlockImpl@533020be de.myview.objectmodel.impl.BlockImpl@57a81ff9 de.myview.objectmodel.impl.BlockImpl@3f091e7e de.myview.objectmodel.impl.BlockImpl@5029293d de.myview.objectmodel.impl.BlockImpl@2ced656 de.myview.objectmodel.impl.BlockImpl@158e5621 de.myview.objectmodel.impl.BlockImpl@62034000 de.myview.objectmodel.impl.BlockImpl@7bfaedbc de.myview.objectmodel.impl.BlockImpl@ff2e8f3 de.myview.objectmodel.impl.BlockImpl@68aa9872 de.myview.objectmodel.impl.BlockImpl@10d1c627 de.myview.objectmodel.impl.BlockImpl@3c6a4e8c

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

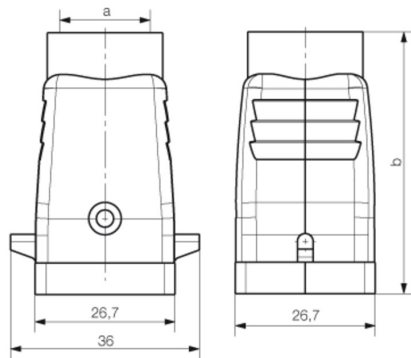
Engineering Data	CAD data – STEP
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1788520000 HDC_07A_TOLU_1M20G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Cover



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General ordering data

Type	HDC 07A DODL 2B0	Version
Order No.	1665760000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422783	
Qty.	1 pc(s).	
Type	HDC 07A DMDL 2B0	Version
Order No.	1665770000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190422790	
Qty.	1 pc(s).	

IP68 version with spiral antikink protection



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Type	VG M20-K68 SKS 10-14	Version
Order No.	1776720000	VG K SZS (standard plastic cable gland with anti-kink coils), Cable glands, straight, M 20, 15 mm, OD min. 10 - OD max. 14 mm, Polyamide 6
GTIN (EAN)	4032248156146	
Qty.	25 pc(s).	
Type	VG M20-K68 SKS 6-12	Version
Order No.	1778860000	VG K SZS (standard plastic cable gland with anti-kink coils), Cable glands, straight, M 20, 11 mm, OD min. 6 - OD max. 12 mm, Polyamide 6
GTIN (EAN)	4032248161874	
Qty.	50 pc(s).	

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Accessories

IP67 version w/o approval



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General ordering data

Type	VG M20-K67 10-14	Version
Order No.	1909700000	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248536627	mm, OD min. 10 - OD max. 14 mm, Polyamide 6
Qty.	50 pc(s).	
Type	VG M20-K67 6-12	Version
Order No.	1909690000	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248536610	mm, OD min. 6 - OD max. 12 mm, Polyamide 6
Qty.	50 pc(s).	

IP68 version



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General ordering data

Type	VG M20-1/K68	Version
Order No.	1772300000	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248129966	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 pc(s).	min.), Polyamide 6