

HDC 07A TOLU 1M20G BLK**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: 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.	2089000000
Type	HDC 07A TOLU 1M20G BLK
GTIN (EAN)	4050118421033
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 9011
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
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
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		

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

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@249fffd6 de.myview.objectmodel.impl.BlockImpl@48b41ac3 de.myview.objectmodel.impl.BlockImpl@58615568 de.myview.objectmodel.impl.BlockImpl@2eb76dd4 de.myview.objectmodel.impl.BlockImpl@750d569b de.myview.objectmodel.impl.BlockImpl@1d0738fb de.myview.objectmodel.impl.BlockImpl@4f9fe426 de.myview.objectmodel.impl.BlockImpl@5a53f9cc de.myview.objectmodel.impl.BlockImpl@45f5c593 de.myview.objectmodel.impl.BlockImpl@6111ed36 de.myview.objectmodel.impl.BlockImpl@511f8be6 de.myview.objectmodel.impl.BlockImpl@14479590 de.myview.objectmodel.impl.BlockImpl@7f7513d6
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS Conform

Downloads

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

Creation date October 2, 2024 5:59:10 PM CEST

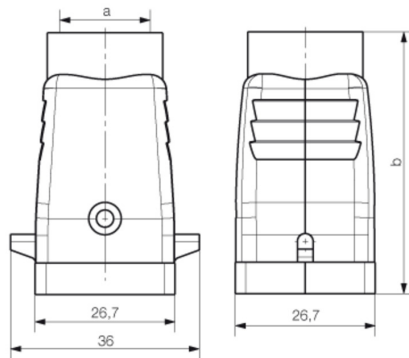
Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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Drawings



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Accessories

IP67 version w/o approval



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

IP68 version



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

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Accessories

Cover



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General ordering data

Type	HDC 07A DMDL 2BO	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).	
Type	HDC 07A DODL 2BO	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).	

IP68 version with spiral antikink protection



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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 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).	
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).	