

HDC 04A SLU 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), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	1788830000
Type	HDC 04A SLU 1M20G
GTIN (EAN)	4032248206377
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	66 mm	Depth (inches)	2.598 inch
Height	53 mm	Height (inches)	2.087 inch
Width	37 mm	Width (inches)	1.457 inch
Mounting dimension - width	30 mm	Net weight	26.6 g

Temperatures

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

Cable entry	w. thread	Height of base B1	3 mm
Height of housing B	42 mm	Hole pitch length A2	30 mm
Total length housing	27 mm	Width base C1	42 mm
Width housing C	25 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	1	Cable entry	w. thread
Clamp version	Side-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	1
Size	1	Size of cable entries	M 20
Suitable for ModuPlug®	No	Tightening torque	0.5 Nm
Top part/bottom part/lid	lower part	Type	Base housing

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

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant
Substance	Ethyl alcohol
Chemical resistance	Resistant

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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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@37dcc2d1 de.myview.objectmodel.impl.BlockImpl@4cd3a9b9 de.myview.objectmodel.impl.BlockImpl@66308331 de.myview.objectmodel.impl.BlockImpl@f830387 de.myview.objectmodel.impl.BlockImpl@5e1882ec de.myview.objectmodel.impl.BlockImpl@f5776f7 de.myview.objectmodel.impl.BlockImpl@6d1c4527 de.myview.objectmodel.impl.BlockImpl@7a94fc38 de.myview.objectmodel.impl.BlockImpl@60010e64 de.myview.objectmodel.impl.BlockImpl@54d52c5d de.myview.objectmodel.impl.BlockImpl@5bef6e9d de.myview.objectmodel.impl.BlockImpl@6c72ce4 de.myview.objectmodel.impl.BlockImpl@6edd7076

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

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Technical data

Downloads

Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
Product Change Notification	20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen
Technical Documentation	1788830000_HDC_04A_SLU_M20G_STP_Blatt_1.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Accessories

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 - MS 68	Version
Order No.	1772220000	VG MS (standard brass cable gland), Cable glands, straight, M 20, 8
GTIN (EAN)	4032248129874	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 pc(s).	min.), IP69K, Brass, nickel-plated

IP68 version with spiral antikink protection



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

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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

Cover



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General ordering data

Type	HDC 04A DODL 2BO	Version
Order No.	1665740000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190422769	condition), Cover for lower part of housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard
Type	HDC 04A DMDL 2BO	Version
Order No.	1665750000	HDC enclosures, Size: 1, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190422776	condition), Cover for lower part of housing, Side-locking clamp on
Qty.	1 pc(s).	lower side, Standard