

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, Installation 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 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

Depth	66 mm	Depth (inches)	2.5984 inch
Height	53 mm	Height (inches)	2.0866 inch
Width	37 mm	Width (inches)	1.4567 inch
Mounting dimension - width	30 mm	Net weight	26.6 g

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Chemical resistance	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
	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

Dimensions

Hole pitch length A2	30 mm	Cable entry	w. thread
Width housing C	25 mm	Width base C1	42 mm

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Total length housing	27 mm	Height of housing B	42 mm
Height of base B1	3 mm		

General data

Tightening torque	0.5 Nm	Housing main material	diecast aluminium
Surface finish	Powder coating	Protection degree	IP65, in plugged condition
EMC housings	No	Material of locking element	Stainless steel, rust-proof

Version

Size of cable entries	M 20	Top part/bottom part/lid	lower part
Tightening torque	0.5 Nm	Number of cable entry on top	0
Number of cable entry sideways	1	Design of housing	Base housing
Design of locking system	Side-locking clamp on lower side	Design	Standard
Installation size	1	Cable entry	w. thread
Type	Base housing	Clamp version	Side-locking clamp
Internal thread	M 20	Colour (RAL)	RAL 7035
BG	1	Suitable for ModuPlug®	No

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		

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Accessories

Cover



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General ordering data

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

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
GTIN (EAN)	4032248156146	glands, straight, M 20, 15 mm, OD min. 10 - OD max. 14 mm,
Qty.	25 ST	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 ST	Polyamide 6

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IP68 version



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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 ST	min.), IP69K, Brass, nickel-plated
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 ST	min.), Polyamide 6