

**HDC 04A TWLU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	<a href="#">1788810000</a>
Type	HDC 04A TWLU 1M20G
GTIN (EAN)	4032248206353
Qty.	1 pc(s).

## HDC 04A TWLU 1M20G

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## Technical data

## Dimensions and weights

Depth	27 mm	Depth (inches)	1.063 inch
Height	50 mm	Height (inches)	1.969 inch
Width	37 mm	Width (inches)	1.457 inch
Net weight	30 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	37 mm	Width housing C	27 mm

## General data

EMC housings	No	Housing main material	diecast aluminium
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	Cable entry from side, Plug 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	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

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	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@69aee96a de.myview.objectmodel.impl.BlockImpl@34c10afc de.myview.objectmodel.impl.BlockImpl@359ded8f de.myview.objectmodel.impl.BlockImpl@104d762b de.myview.objectmodel.impl.BlockImpl@e3638f1 de.myview.objectmodel.impl.BlockImpl@321c4521 de.myview.objectmodel.impl.BlockImpl@68b73778 de.myview.objectmodel.impl.BlockImpl@13b0f86b de.myview.objectmodel.impl.BlockImpl@2cfabb5c de.myview.objectmodel.impl.BlockImpl@7c9bd6af de.myview.objectmodel.impl.BlockImpl@2dc632b3 de.myview.objectmodel.impl.BlockImpl@3921f4c0 de.myview.objectmodel.impl.BlockImpl@605c8ce3

**Approvals**

Approvals



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

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Technical Documentation	<a href="#">1788810000_HDC_04A_TWLU_1M20G_STP_Blatt_1.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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# Drawings

