

**HDC 16A TSLU 1M20G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 5, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
Order No.	<a href="#">1041760000</a>
Type	HDC 16A TSLU 1M20G
GTIN (EAN)	4032248771011
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	89 mm	Depth (inches)	3.504 inch
Height	58 mm	Height (inches)	2.283 inch
Width	32.5 mm	Width (inches)	1.28 inch
Net weight	133 g		

**Temperatures**

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

Cable entry	w. thread	Height of housing B	58 mm
Total length housing	79 mm	Width housing C	29.5 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	5	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cable entry from side, Plug housing
Design of locking system	End-locking clamp, lower side	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	5
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

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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

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@403576fc de.myview.objectmodel.impl.BlockImpl@3a64ec8c de.myview.objectmodel.impl.BlockImpl@3ea933a7 de.myview.objectmodel.impl.BlockImpl@3968d8d8 de.myview.objectmodel.impl.BlockImpl@5281db9f de.myview.objectmodel.impl.BlockImpl@4f1c4dcf de.myview.objectmodel.impl.BlockImpl@38df7b80 de.myview.objectmodel.impl.BlockImpl@478eda5b de.myview.objectmodel.impl.BlockImpl@1b0fac16 de.myview.objectmodel.impl.BlockImpl@36d0f88d de.myview.objectmodel.impl.BlockImpl@759086ac de.myview.objectmodel.impl.BlockImpl@44fdd647 de.myview.objectmodel.impl.BlockImpl@2274add2
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

## Approvals

Approvals



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

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

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](#)

### HDC 16A TSLU 1M20G

**Weidmüller Interface GmbH & Co. KG**

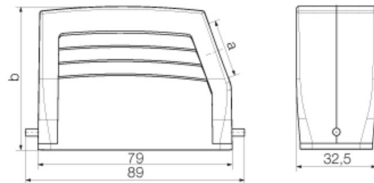
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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Coupling housing**

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**General ordering data**

Type	HDC 16A KLU 1PG16G	Version
Order No.	<a href="#">1665450000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4008190422158	Size of cable entries: PG 16
Qty.	1 pc(s).	
Type	HDC 16A KLU 1M25G	Version
Order No.	<a href="#">1788800000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248206346	Size of cable entries: M 25
Qty.	1 pc(s).	

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## Accessories

## Cover



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## General ordering data

Type	HDC 16A DODL 1LB	Version
Order No.	<a href="#">1665900000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190422936	
Qty.	1 pc(s).	

## Base housing



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## General ordering data

Type	HDC 16A SLU 2M25G	Version
Order No.	<a href="#">1788760000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248206308	
Qty.	1 pc(s).	
Type	HDC 16A SLU 2PG16G	Version
Order No.	<a href="#">1665070000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16
GTIN (EAN)	4008190421779	
Qty.	1 pc(s).	

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## Accessories

Type	HDC 16A SLU 2M20G	Version
Order No.	<a href="#">1788770000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20
GTIN (EAN)	4032248206315	
Qty.	1 pc(s).	
Type	HDC 16A SLU 1M25G	Version
Order No.	<a href="#">1902330000</a>	HDC enclosures, Size: 5, Protection degree: IP65, IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248591916	
Qty.	1 pc(s).	
Type	HDC 16A SLU 1PG21G	Version
Order No.	<a href="#">1665090000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190421793	
Qty.	1 pc(s).	

## Bulkhead housing



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## General ordering data

Type	HDC 16A ALU	Version
Order No.	<a href="#">1664920000</a>	HDC enclosures, Size: 5, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard
GTIN (EAN)	4008190421625	
Qty.	1 pc(s).	