

**HDC 48B TOLU 1PG29G****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: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
Order No.	<a href="#">1650980000</a>
Type	HDC 48B TOLU 1PG29G
GTIN (EAN)	4008190299606
Qty.	1 pc(s).

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

Depth	151 mm	Depth (inches)	5.945 inch
Height	94 mm	Height (inches)	3.701 inch
Width	90 mm	Width (inches)	3.543 inch
Net weight	724 g		

**Temperatures**

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

Cable entry	w. thread	Height of housing B	94 mm
Total length housing	132 mm	Width housing C	90 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	1.2 Nm

**Version**

BG	12	Cable entry	w. thread
Clamp version	End-locking clamp	Colour (RAL)	RAL 7035
Design	Standard	Design of housing	Cable entry from top, Plug housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 29
Number of cable entry on top	1	Number of cable entry sideways	0
Size	12	Size of cable entries	PG 29
Suitable for ModuPlug®	Yes	Tightening torque	1.2 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@556e36aa de.myview.objectmodel.impl.BlockImpl@1cd22458 de.myview.objectmodel.impl.BlockImpl@4997f9c7 de.myview.objectmodel.impl.BlockImpl@593f2605 de.myview.objectmodel.impl.BlockImpl@7dc080ee de.myview.objectmodel.impl.BlockImpl@70bd8bea de.myview.objectmodel.impl.BlockImpl@6921dfb de.myview.objectmodel.impl.BlockImpl@26bd1c22 de.myview.objectmodel.impl.BlockImpl@5f832feb de.myview.objectmodel.impl.BlockImpl@43fd0d2a de.myview.objectmodel.impl.BlockImpl@5516bd6b de.myview.objectmodel.impl.BlockImpl@1b84f7e7 de.myview.objectmodel.impl.BlockImpl@5dbe7f0b
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 Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1650980000 HDC 48B TOLU 1PG29G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

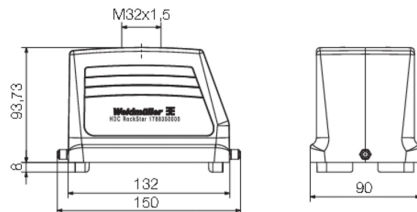
[FL FIELDWIRING EN](#)

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## Drawings



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## Accessories

## Base housing



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## General ordering data

Type	HDC 48B SLU 2M32G	Version
Order No.	<a href="#">1788370000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248205905	Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B SDLU 1M32G	Version
Order No.	<a href="#">1904150000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248585700	with cover, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B SLU 2M40G	Version
Order No.	<a href="#">1788360000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248205899	Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 48B SLU 1PG29G	Version
Order No.	<a href="#">1651100000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4008190299705	Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B SDLU 1PG29G	Version
Order No.	<a href="#">1799810000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248247035	with cover, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B SDLU 2PG29G	Version
Order No.	<a href="#">1667560000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4008190424763	with cover, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B SDLU 2M32G	Version
Order No.	<a href="#">1788390000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248205929	with cover, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B SDLU 2M40G	Version
Order No.	<a href="#">1983500000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard,
GTIN (EAN)	4032248687787	with cover, Size of cable entries: M 40
Qty.	1 pc(s).	

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## Accessories

Type	HDC 48B SDLU 2M50G	Version
Order No.	<a href="#">1983510000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 50
GTIN (EAN)	4032248687770	
Qty.	1 pc(s).	
Type	HDC 48B SLU 1M32G	Version
Order No.	<a href="#">1904190000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248585779	
Qty.	1 pc(s).	

## Bulkhead housing



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## General ordering data

Type	HDC 48B ADLU	Version
Order No.	<a href="#">1222900000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
GTIN (EAN)	4008190138004	
Qty.	1 pc(s).	
Type	HDC 48B ALU	Version
Order No.	<a href="#">1295600000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover
GTIN (EAN)	4050118092066	
Qty.	1 pc(s).	