

**HDC 48B SDLU 1PG29G****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: 12, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 29
Order No.	<a href="#">1799810000</a>
Type	HDC 48B SDLU 1PG29G
GTIN (EAN)	4032248247035
Qty.	1 pc(s).

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

Depth	143 mm	Depth (inches)	5.63 inch
Height	120 mm	Height (inches)	4.724 inch
Width	166.2 mm	Width (inches)	6.543 inch
Mounting dimension - height	106 mm	Mounting dimension - width	111 mm
Net weight	1,588 g		

**Temperatures**

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

Cable entry	w. thread	Height of base B1	10 mm
Height of housing B	120 mm	Hole pitch length A2	111 mm
Total length housing	132 mm	Width base C1	120 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 class note	Protection class with secured cover: IP 65
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
Cover	with cover	Design	Standard
Design of cover	with cover	Design of housing	Base housing
Design of locking system	End-locking clamp, lower side	Internal thread	PG 29
Number of cable entry on top	0	Number of cable entry sideways	1
Sealing	NBR	Size	12
Size of cable entries	PG 29	Suitable for ModuPlug®	Yes
Tightening torque	1.2 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

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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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5e0708c7 de.myview.objectmodel.impl.BlockImpl@3dedc736 de.myview.objectmodel.impl.BlockImpl@5a3d3936 de.myview.objectmodel.impl.BlockImpl@3dfd89e3 de.myview.objectmodel.impl.BlockImpl@5b5aefab de.myview.objectmodel.impl.BlockImpl@8dd4781 de.myview.objectmodel.impl.BlockImpl@3b9a3b25 de.myview.objectmodel.impl.BlockImpl@6a790f24 de.myview.objectmodel.impl.BlockImpl@66d28277 de.myview.objectmodel.impl.BlockImpl@4d12063 de.myview.objectmodel.impl.BlockImpl@6ef860cf de.myview.objectmodel.impl.BlockImpl@4cda521b de.myview.objectmodel.impl.BlockImpl@3ee9b0cd

**Approvals**

Approvals



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

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## Technical data

### Downloads

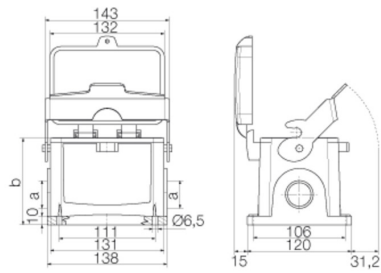
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20220214 Technical change to HDC housings</a> <a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL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

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## Drawings



## HDC 48B SDLU 1PG29G

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## Accessories

## Hood, Cable Entry at top



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## General ordering data

Type	HDC 48B TOLU 1PG29G	Version
Order No.	<a href="#">1650980000</a>	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
GTIN (EAN)	4008190299606	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG36G	Version
Order No.	<a href="#">1651000000</a>	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 36
GTIN (EAN)	4008190299620	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M50G	Version
Order No.	<a href="#">1788330000</a>	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: M 50
GTIN (EAN)	4032248205868	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M40G	Version
Order No.	<a href="#">1788340000</a>	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: M 40
GTIN (EAN)	4032248205875	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M32G	Version
Order No.	<a href="#">1788350000</a>	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: M 32
GTIN (EAN)	4032248205882	
Qty.	1 pc(s).	

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## Accessories

## Hood, Cable Entry sideways



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## General ordering data

Type	HDC 48B TSLU 1M50G	Version
Order No.	<a href="#">1788300000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205837	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M40G	Version
Order No.	<a href="#">1788310000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205844	lower side, Standard, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG29G	Version
Order No.	<a href="#">1650850000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299453	lower side, Standard, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG36G	Version
Order No.	<a href="#">1650860000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299460	lower side, Standard, Size of cable entries: PG 36
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M32G	Version
Order No.	<a href="#">1788320000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205851	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG42G	Version
Order No.	<a href="#">1670470000</a>	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190431556	lower side, Standard, Size of cable entries: PG 42
Qty.	1 pc(s).	