Weidmüller ⟩€

HDC 48B SDLU 2M40G

IP65 ▢⚙ RoHS COMPLIANT

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: M 40
Order No.	1983500000
Type	HDC 48B SDLU 2M40G
GTIN (EAN)	4032248687787
Qty.	1 pc(s).

Creation date October 2, 2024 11:40:37 AM CEST

Weidmüller ⧓

HDC 48B SDLU 2M40G

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	1,522 g			

Temperatures

Limit temperature	-40 °C ... 125 °C

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	M 40
Number of cable entry on top	0		Number of cable entry sideways	1
Sealing	NBR		Size	12
Size of cable entries	M 40		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
ECLASS 14.0	27-44-02-02			

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant

Creation date October 2, 2024 11:40:37 AM CEST

HDC 48B SDLU 2M40G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@580fe344 de.myview.objectmodel.impl.BlockImpl@2d3a8ae8 de.myview.objectmodel.impl.BlockImpl@6f9760ca de.myview.objectmodel.impl.BlockImpl@166067bb de.myview.objectmodel.impl.BlockImpl@3152a3f0 de.myview.objectmodel.impl.BlockImpl@48c612f8 de.myview.objectmodel.impl.BlockImpl@1c83ba1a de.myview.objectmodel.impl.BlockImpl@94b4b8e de.myview.objectmodel.impl.BlockImpl@2d222474 de.myview.objectmodel.impl.BlockImpl@550ba2fa de.myview.objectmodel.impl.BlockImpl@54d9912b de.myview.objectmodel.impl.BlockImpl@79da705 de.myview.objectmodel.impl.BlockImpl@3ba03206
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl

Approvals

Approvals	C E
ROHS	Conform

Creation date October 2, 2024 11:40:37 AM CEST

HDC 48B SDLU 2M40G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

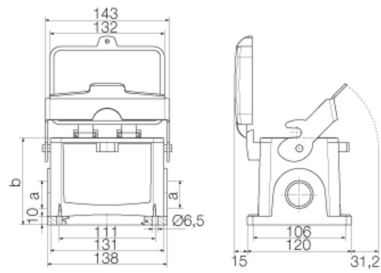www.weidmueller.com

Technical data

Downloads

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	

HDC 48B SDLU 2M40G

Drawings

Creation date October 2, 2024 11:40:37 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

5

HDC 48B SDLU 2M40G

Accessories

Hood, Cable Entry sideways

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

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

HDC 48B SDLU 2M40G

Accessories

Hood, Cable Entry at top

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

Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205868	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 50
Type	HDC 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299606	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 29
Type	HDC 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190299620	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: PG 36
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205882	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 32
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205875	condition), Cable entry from top, Plug housing, End-locking clamp,
Qty.	1 pc(s).	lower side, Standard, Size of cable entries: M 40