

KTB QL 553520 S4E1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Abbildung ähnlich

The Klippon® TB enclosure range provides excellent performance characteristics, even under the most difficult environmental conditions. In addition, it complies with the stricter requirements of potentially explosive atmospheres found specifically in the process or power generation industries. The Klippon® TB QL enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB QL enclosure series features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Quick-locking cover, comes with a slot as standard
- Improved temperature performance
- IP66 protection
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

General ordering data

Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 550 mm, Width: 350 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200620000
Type	KTB QL 553520 S4E1
GTIN (EAN)	4032248983285
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	550 mm	Height (inches)	21.653 inch
Width	350 mm	Width (inches)	13.78 inch
Mounting dimension - height	350 mm	Mounting dimension - width	376 mm
Net weight	11,060 g		

Temperatures

Operating temperature	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
-60 °C...135 °C		

Cable glands, left

M12	70	M16	48
M20	30	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

Cable glands, right

M12	70	M16	48
M20	30	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

Cable glands, top/bottom

M12	45	M16	30
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, IECEx, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus	Attestation of Conformity No. (AoC)	
Certificate No. (ATEX)	KEMA10ATEX0050	Certificate No. (CCOE)	DE PS261X 160309 001ISS06
Certificate No. (DNV)	TAE000013S	Certificate No. (IECEX)	P461058_1
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate No. UL 508A	IECEXKEM10.0015U
Certificate No. UL Haz.Loc.	E223792	Certificate No. UL Ord.Loc.	E223801
Certificate No. UL Terminal Box	E223792	Certificate no. (INMETRO)	E243298
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (AEx)	IEX17.0020U
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	E223792
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. Terminal Box (KOSHA)	IECEXIBE14.0013
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (ECAS)	16-AV4BO-0245X
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS03	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U

Creation date June 13, 2025 2:39:32 AM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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General information

AF size	10 mm	Access opening: height	497 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	291 mm		
Dimension of box		Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
	550x710x290		
Flange plate		Flange plate mounting	M6 hexagonal head screws 10 SW
	Yes		
Gland plates		Impact resistance	7 J ATEX version, 10 J version standard
	Bottom		
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	Lid attachment	Quarter-turn fastener with slotted insert
Material	Stainless steel 1.4404 (316L)	Material thickness of cover	1.5 mm
Material thickness of enclosure	1.5 mm	Material thickness of flange	3 mm
Max. payload		Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	77 kg		
Opening angle lid	130 °	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Overall dimensions	561 x 401 x 210
Position PE bolts	Enclosure side C	Protection class (UL)	Type 3, Type 4X, Type 12
Protection degree	IP66	Seal material	Silicone
Standards	DIN EN 62208 - Empty enclosure standard, DIN EN 61373 Class 1B**, DIN EN 15085-2, EN 60079-0, EN 60079-7, EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31	Surface finish	electropolished

Housing earth

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.
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horizontal assembly

WDU 10 / ZDU 10	3x26	WDU 16 / ZDU 16	3x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x52	WDU 35 / ZDU 35	2x16
WDU 4 / ZDU 4	4x43	WDU 6 / ZDU 6	4x32

vertical assembly

WDU 10 / ZDU 10	2x46	WDU 16 / ZDU 16	1x39
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x91	WDU 35 / ZDU 35	1x29
WDU 4 / ZDU 4	2x76	WDU 6 / ZDU 6	2x58

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Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 9.0	27-18-05-02
ECLASS 9.1	27-18-05-02	ECLASS 10.0	27-18-05-02
ECLASS 11.0	27-18-05-02	ECLASS 12.0	27-18-05-02
ECLASS 13.0	27-18-05-02	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

Approvals

Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319219/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319239/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319242/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319243/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319245/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319251/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/

ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

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Downloads

Approval/Certificate/Document of Conformity	CCC 2020322303002358 KTB Assembly Enclosure CCC 2020322303002357 KTB Empty Enclosure CERTIFICADO - LMP 21.0016U INVOLUCRO VAZIO KLIPPON TB FS... (KTB FS), TB MH... (KTB MH), TB QL... (KTB QL) (Rev.02) Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06 UKCA Attestation of Conformity - Klippon TB Empty Enclosures - AoC UKCA DE PS261X 220623 000ISS00 IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 24-01-100099/E24-01-102546/NB10 CERTIFICADO LMP 21.0017 KLIPPON TB EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03 UKCA Declaration of Conformity - Klippon TB Empty Enclosures - UKCA DE PS261X 220623 001ISS00 DoM Railway applications - Fire protection on railway vehicles
Engineering Data	CAD data – STEP
Tender specification	Klippon TB QL 553520 S4E1_1200620000_DE Klippon TB QL 553520 S4E1_1200620000_EN Klippon TB QL 553520 S4E1_1200620000_NL
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN PI KLIPPON TB MH QL EN

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Drawings

