

## KTB QL 624515 S4E2

Weidmüller Interfaces GmbH & Co. KG

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### 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: 620 mm, Width: 450 mm, Depth: 150 mm, Gland plates: Bottom, top, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1200680000</a>
Type	KTB QL 624515 S4E2
GTIN (EAN)	4032248983155
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Depth	150 mm	Depth (inches)	5.905 inch
Height	620 mm	Height (inches)	24.409 inch
Width	450 mm	Width (inches)	17.716 inch
Mounting dimension - height	450 mm	Mounting dimension - width	476 mm
Net weight	14,100 g		

### Temperatures

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

### Cable glands, left

M12	48	M16	27
M20	24	M25	10
M32	9	M40	7
M50	6	M63	0
M75	0		

### Cable glands, right

M12	48	M16	27
M20	24	M25	10
M32	9	M40	7
M50	6	M63	0
M75	0		

### Cable glands, top/bottom

M12	38	M16	21
M20	18	M25	8
M32	6	M40	5
M50	4	M63	0
M75	0		

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## Technical data

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DE PS261X 160309  
001ISS03

Certificate No. (CCOE) P461058\_1

Certificate No. (EAC) C-DE.HB07.B.00089-20

Certificate No. Electronic Box (NEPSI) 2020322303003289

Certificate No. UL Haz.Loc. E223792

Certificate No. UL Terminal Box E223792

Certificate no. (cULus) E243298

Certificate no. Terminal Box (ATEX) IBExU14ATEX1050

Certificate no. Terminal Box (IECEX)

IECEXIBE14.0013

Certificate no. Terminal Box (KOSHA) 16-AV4BO-0245X

Certificate no. empty enclosure (ECAS) **21-09-25241/  
E21-09-053807**

Certificate no. empty enclosure  
(INMETRO) IEx 17.0020U

Declaration of Conformatiy No. (DoC  
LVD) DE PS261X 160412  
001ISS02

### Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, EAC, IECEx, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus
Certificate No. (ATEX)	KEMA10ATEX0046U
Certificate No. (DNVGL)	TAE000013S
Certificate No. (IECEX)	IECEXKEM10.0015U
Certificate No. UL 508A	E223801
Certificate No. UL Ord.Loc.	E243298
Certificate no. (INMETRO)	IEX13.0009
Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C- DE.AD54.B.00251/19 Ind. Terminal Box
Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20

Attestation of Conformatiy No. (AeC)	DE PS261X 160309 001ISS03
Certificate No. (CCOE)	P461058_1
Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. Electronic Box (NEPSI)	2020322303003289
Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Terminal Box	E223792
Certificate no. (cULus)	E243298
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate no. empty enclosure (ECAS)	<b>21-09-25241/ E21-09-053807</b>
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02

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## Technical data

## General information

AF size	10 mm	Access opening: height	567 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	391 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	630x770x240	Flange plate mounting	M6 hexagonal head screws 10 SW
Gland plates	Yes	Impact resistance	7 J ATEX version, 10 J version standard
Integral fixing	Bottom, top	Lid attachment	Quarter-turn fastener with slotted insert
Material	4, 6 or 9 stud bolts M6 inner (female) thread	Material thickness of cover	1.5 mm
Material thickness of enclosure	Stainless steel 1.4404 (316L)	Material thickness of flange	3 mm
Max. payload	1.5 mm	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	112 kg	Operating temperature, max.	135 °C
Opening angle lid	130 °	Overall dimensions	642 x 501 x 160
Operating temperature, min.	-60 °C	Protection class (UL)	Type 3, Type 4x, Type 12
Position PE bolts	Enclosure side C	Seal material	Silicone
Protection degree	IP66	Surface finish	electropolished
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		

## 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	4x36	WDU 16 / ZDU 16	3x30
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x71	WDU 35 / ZDU 35	2x22
WDU 4 / ZDU 4	5x59	WDU 6 / ZDU 6	4x45

## vertical assembly

WDU 10 / ZDU 10	2x53	WDU 16 / ZDU 16	2x44
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x105	WDU 35 / ZDU 35	1x33
WDU 4 / ZDU 4	3x88	WDU 6 / ZDU 6	3x66

**Data sheet**

**KTB QL 624515 S4E2**

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**Technical data**

**Classifications**

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

**Approvals**

Approvals



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

## Data sheet

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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">C-DE.A154.B.00251.19 Ind. Terminal Box</a> <a href="#">CCC 2020322303002358 KTB Assembly Enclosure</a> <a href="#">CCC 2020322303002357 KTB Empty Enclosure</a> <a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">TAE000013S</a> <a href="#">15.40073.250</a> <a href="#">RUC-DE.MIO62.B.04799</a> <a href="#">GYJ14.1310X</a> <a href="#">IECEXPTB11.0071</a> <a href="#">PTB11ATEX2019</a> <a href="#">16-AV4BO-245X</a> <a href="#">P4610581_1</a> <a href="#">21-09-25241/E21-09-053807</a> <a href="#">LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Tender specification	<a href="#">Klippon TB QL 624515 S4E2_1200680000_DE</a> <a href="#">Klippon TB QL 624515 S4E2_1200680000_EN</a> <a href="#">Klippon TB QL 624515 S4E2_1200680000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL WIND 2012 EN</a> <a href="#">FL APPL PROCESS EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">PI KLIPPON TB MH QL EN</a> <a href="#">PI KLIPPON TB MH QL EN</a>

