

## KTB QL 221513 S4E0

**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: 229 mm, Width: 152 mm, Depth: 133 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1199850000</a>
Type	KTB QL 221513 S4E0
GTIN (EAN)	4032248982714
Qty.	1 Stück

## KTB QL 221513 S4E0

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

www.weidmueller.com

## Technische Daten

### Dimensions and weights

Depth	133 mm	Depth (inches)	5.236 inch
Height	229 mm	Height (inches)	9.016 inch
Width	152 mm	Width (inches)	5.984 inch
Mounting dimension - height	152 mm	Mounting dimension - width	178 mm
Net weight	2,500 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	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

### Cable glands, right

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

### Cable glands, top/bottom

M12	6	M16	5
M20	2	M25	2
M32	1	M40	1
M50	0	M63	0
M75	0		

## KTB QL 221513 S4E0

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

www.weidmueller.com

## Technische Daten

### Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, EAC, IECEx, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus	Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS03
Certificate No. (ATEX)	KEMA10ATEX0051	Certificate No. (CCOE)	P461058_1
Certificate No. (EAC)	C-DE.HB07.B.00089-20	Certificate No. (IECEX)	IECEXKEM10.0020
Certificate No. (MARITREG)	21.50075.272	Certificate No. Electronic Box (NEPSI)	2020322303003289
Certificate No. UL 508A	E223801	Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Terminal Box	E223792
Certificate no. (INMETRO)	IEX17.0021	Certificate no. (cULus)	E243298
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
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 (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. Terminal Box (KOSHA)	16-AV4B0-0245X
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (ECAS)	<b>21-09-25241/ E21-09-053807</b>
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20	Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02

### General information

Access opening: height	176 mm	Access opening: width	93 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore	Dimension of box	350x390x220
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)	Flange plate	No
Impact resistance	7 J ATEX version, 10 J version standard	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
Max. payload	14 kg	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Opening angle lid	130 °	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Overall dimensions	229 x 203 x 143
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

## KTB QL 221513 S4E0

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

www.weidmueller.com

## Technische Daten

### Housing earth

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

### horizontal assembly

WDU 10 / ZDU 10	1x7	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x15	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x9		

### vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x29
-----------------------------	------

### 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

## KTB QL 221513 S4E0

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technische Daten

### 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> <a href="#">DoM Railway applications - Fire protection on railway vehicles</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
Tender specification	<a href="#">Klippon TB QL 221513 S4E0_1199850000_DE</a> <a href="#">Klippon TB QL 221513 S4E0_1199850000_EN</a> <a href="#">Klippon TB QL 221513 S4E0_1199850000_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>

**KTB QL 221513 S4E0**

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

**Zeichnungen**

www.weidmueller.com

