KTB QL 352620 S4E0

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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: 350 mm, Width: 260 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200160000
Type	KTB QL 352620 S4E0
GTIN (EAN)	4032248982868
Qty.	1 pc(s).

Creation date March 23, 2021 8:30:22 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	350 mm	Height (inches)	13.78 inch
Mounting dimension - height	250 mm	Mounting dimension - width	286 mm
Net weight	5,700 g	Width	260 mm
Width (inches)	10.236 inch		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	

Cable glands, left

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

Cable glands, right

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

Cable glands, top/bottom

M12	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

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Technical data

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)	KEMA10ATEX0050	Certificate No. (CCOE)	P461058_1
Certificate No. (DNVGL)	TAE000013S	Certificate No. (EAC)	RUC-DE.08.B.01328
Certificate No. (IECEX)	IECEXKEM10.0019	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)	IEX13.0006U
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.АД54.B.00251/19 Ind. Terminal Box
Certificate no. Terminal Box (IECEx)	IECEXIBE14.0013	Certificate no. Terminal Box (INMETRO)	IEx 17.0021
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. Terminal Box (NEPSI)	GYJ14.1309
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (IECEx)	IECEx IBE 14.0004U
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
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	297 mm	Access opening: width	201 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore	Dimension of box	450x510x290
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	Yes	Lid attachment	Quarter-turn fastener with slotted insert
Material	Stainless steel 1.4404 (316L)	Material thickness	1.5 mm
Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Max. payload	36 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	350 x 311 x 210
Position PE bolts	Enclosure side C	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		

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Technical data

Housing earth

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

horizontal assembly

WDU 10 / ZDU 10	2x17	WDU 16 / ZDU 16	1x14
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x34	WDU 35 / ZDU 35	1x11
WDU 4 / ZDU 4	2x29	WDU 6 / ZDU 6	2x22

vertical assembly

WDU 10 / ZDU 10	1x27	WDU 16 / ZDU 16	1x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x53	WDU 4 / ZDU 4	1x44
WDU 6 / ZDU 6	1x33		

Classifications

ETIM 6.0	EC002503	ETIM 7.0	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

Important note

Product information	Minimum order quantity (20 pieces)

Approvals

Approvals
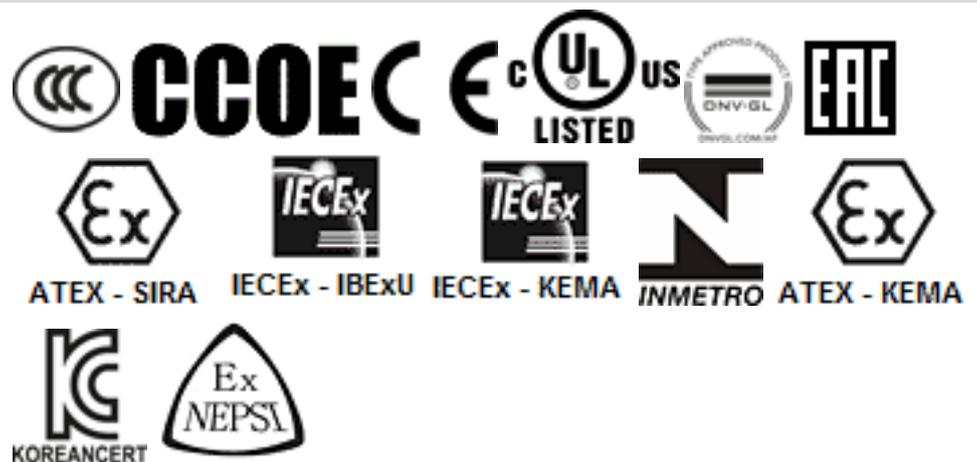
ROHS	Conform
UL File Number Search	E243298

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Germany

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Technical data

Downloads

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box C-DE.АД54.B.00251.19 Ind. Terminal Box CCC 2020322303002358 KTB Assembly Enclosure CCC 2020322303002357 KTB Empty Enclosure Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS03 IEX17.0021 IEX17.0020U IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 RUC-DE.MIO62.B.04799 GYJ14.1310X IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS02
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon TB QL 352620 S4E0_1200160000_DE Klippon TB QL 352620 S4E0_1200160000_EN Klippon TB QL 352620 S4E0_1200160000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings