

QL KTB QL 553520 S4E0

Weidmüller Interface GmbH & Co. KG
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Stainless steel enclosures for the use within explosion-risk zones

The Klippon® TB enclosure series features superior performance characteristics, even in the most extreme environmental surroundings. In addition, it meets the rigorous requirements of explosion-risk zones that can be found in the process or power generation industries. The new Klippon® TB QL enclosure series offers further improvements to a product line that is already successfully leading the market.

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

The cover seal is protected against compression, quick-locking lid, comes with a slot as standard, Improved temperature performance IP 66 protection Earthing studs in enclosure cover and bottom section Welded-on mounting feet International approvals

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The seal is protected against compression
- Quick-locking lid, comes with a slot as standard
- Improved temperature performance
- IP 66 protection
- Earthing studs in enclosure cover and bottom section

- Welded-on mounting feet
- International approvals

General ordering data

| | |
|------------|--|
| Order No. | 1200610000 |
| Type | KTB QL 553520 S4E0 |
| Version | Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 550 mm, 200 mm, 350 mm |
| GTIN (EAN) | 4032248983254 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------------------|---------|-----------------------------|--------|
| Length | 200 mm | Width | 350 mm |
| Height | 550 mm | Depth | 200 mm |
| Mounting dimension - width | 376 mm | Mounting dimension - height | 350 mm |
| Net weight | 8,700 g | | |

Cable glands, left

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

Cable glands, right

| | | | |
|---------|----|---------|----|
| M12 (2) | 70 | M16 (2) | 48 |
| M20 (2) | 30 | M25 (2) | 26 |
| M32 (2) | 14 | M40 (2) | 12 |
| M50 (2) | 5 | M63 (2) | 4 |
| M75 (2) | 3 | | |

Cable glands, top/bottom

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

General information

| | | | |
|-----------------------------|--|------------------------------|---|
| AF size 1 | 10 mm | Access opening: height | 497 mm |
| Access opening: width | 291 mm | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| Installation advice | Terminal rail / mounting plate | Material thickness | 1.5 mm |
| Material thickness of cover | 1.5 mm | Material thickness of flange | 3 mm |
| Max. payload | 77 kg | Opening angle lid | 125 ° |
| Overall dimensions | 550 x 401 x 210 | Position PE bolts | Page C |
| Material | Stainless steel 1.4404 (316L) | Seal material | Silicone |
| Surface finish | electropolished | Operating temperature, min. | -60 °C |
| Operating temperature, max. | 135 °C | Impact resistance | 7 J ATEX version, 10 J version standard |
| Protection degree | IP 66 | Enclosure attachment | 4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet) |
| Cover attachment | Quarter-turn fastener with slotted insert | Integral fixing | 4, 6 or 9 stud bolts M6 inner (female) thread |

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Technical data**Housing earth**

Earth, housing, internal Welded-on M6 stainless-steel earth stud in lower part of housing and lid.

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

Classifications

| | | | |
|------------|-------------|------------|-------------|
| eClass 6.2 | 27-14-91-07 | eClass 7.1 | 27-14-91-07 |
|------------|-------------|------------|-------------|

Test certificates

| | | | |
|-------------------------|-----------------|-----------------------------|-----------------|
| Certificate No. (ATEX) | KEMA10ATEX0051 | Certificate No. (GERMLLOYD) | 11534-10 |
| Certificate No. (IECEX) | IECEXKEM10.0020 | Certificate no. (cULus) | E243298VOL1SEC5 |

Approvals

Approvals



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Drawings

