

QL KTB QL 453815 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. | 1200330000 |
| Type | KTB QL 453815 S4E0 |
| Version | Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 150 mm, 382 mm |
| GTIN (EAN) | 4032248983070 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|---------|-----------------------------|--------|
| Length | 150 mm | Width | 382 mm |
| Height | 458 mm | Depth | 150 mm |
| Mounting dimension - width | 408 mm | Mounting dimension - height | 305 mm |
| Net weight | 7,100 g | | |

Cable glands, left

| | | | |
|---------|----|---------|----|
| M12 (3) | 33 | M16 (3) | 19 |
| M20 (3) | 16 | M25 (3) | 7 |
| M32 (3) | 6 | M40 (3) | 5 |
| M50 (3) | 4 | M63 (3) | 0 |
| M75 (3) | 0 | | |

Cable glands, right

| | | | |
|---------|----|---------|----|
| M12 (2) | 33 | M16 (2) | 19 |
| M20 (2) | 16 | M25 (2) | 7 |
| M32 (2) | 6 | M40 (2) | 5 |
| M50 (2) | 4 | M63 (2) | 0 |
| M75 (2) | 0 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 30 | M16 | 17 |
| M20 | 15 | M25 | 6 |
| M32 | 5 | M40 | 4 |
| M50 | 4 | M63 | 0 |
| M75 | 0 | | |

General information

| | | | |
|-----------------------------|--|------------------------------|---|
| AF size 1 | 10 mm | Access opening: height | 405 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| | 323 mm | Material thickness | 1.5 mm |
| Installation advice | Terminal rail / mounting plate | Material thickness of flange | 3 mm |
| Material thickness of cover | 1.5 mm | Opening angle lid | 125 ° |
| Max. payload | 70 kg | Position PE bolts | Page C |
| Overall dimensions | 458 x 433 x 160 | Seal material | Silicone |
| Material | Stainless steel 1.4404 (316L) | Operating temperature, min. | -60 °C |
| Surface finish | electropolished | Impact resistance | 7 J ATEX version, 10 J version standard |
| Operating temperature, max. | 135 °C | Enclosure attachment | 4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet) |
| Protection degree | | Integral fixing | 4, 6 or 9 stud bolts M6 inner (female) thread |
| | IP 66 | | |
| Cover attachment | Quarter-turn fastener with slotted insert | | |

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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 | 2x29 | WDU 16 / ZDU 16 | 2x24 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 4x58 | WDU 35 / ZDU 35 | 1x18 |
| WDU 4 / ZDU 4 | 3x48 | WDU 6 / ZDU 6 | 3x36 |

vertical assembly

| | | | |
|---------------------------------|------|---------------------|------|
| WDU 10 / ZDU 10 (2) | 2x37 | WDU 16 / ZDU 16 (2) | 2x31 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 (2) | 3x73 | WDU 35 / ZDU 35 (2) | 1x23 |
| WDU 4 / ZDU 4 (2) | 2x62 | WDU 6 / ZDU 6 (2) | 2x46 |

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

