

**QL
KTB QL 765020 S4E1**

Weidmüller Interface GmbH & Co. KG
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**Stainless steel enclosures for use in areas exposed to explosion hazards**

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 in process or power generation industries.

The new Klippon® TB QL enclosure range offers further improvements to a product line that is already successfully leading the market.

General ordering data

| | |
|------------|--|
| Type | KTB QL 765020 S4E1 |
| Order No. | 1200840000 |
| Version | Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 762 mm, 508 mm, 200 mm |
| GTIN (EAN) | 4032248983674 |
| Qty. | 1 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|----------------------------|----------|-----------------------------|--------|
| Length | 200 mm | Width | 508 mm |
| Height | 762 mm | Depth | 200 mm |
| Mounting dimension - width | 534 mm | Mounting dimension - height | 508 mm |
| Net weight | 18,120 g | | |

Cable glands, left

| | | | |
|---------|----|---------|----|
| M12 (3) | 96 | M16 (3) | 64 |
| M20 (3) | 40 | M25 (3) | 34 |
| M32 (3) | 18 | M40 (3) | 14 |
| M50 (3) | 6 | M63 (3) | 6 |
| M75 (3) | 4 | | |

Cable glands, right

| | | | |
|---------|----|---------|----|
| M12 (2) | 96 | M16 (2) | 64 |
| M20 (2) | 40 | M25 (2) | 34 |
| M32 (2) | 18 | M40 (2) | 14 |
| M50 (2) | 6 | M63 (2) | 6 |
| M75 (2) | 4 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 70 | M16 | 48 |
| M20 | 32 | M25 | 26 |
| M32 | 14 | M40 | 12 |
| M50 | 5 | M63 | 4 |
| M75 | 3 | | |

General information

| | | | |
|------------------------------|---|-----------------------------|---|
| AF size 1 | 10 mm | Access opening: height | 709 mm |
| Access opening: width | 449 mm | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| Gland plates | Bottom | 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 | 155 kg |
| Opening angle lid | 125 ° | Overall dimensions | 773 x 559 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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Technische Daten

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 | 5x42 | WDU 16 ZDU 16 | 4x35 |
| WDU 2,5 ZDU 2,5 IDU 2,5 | 7x82 | WDU 35 ZDU 35 | 3x26 |
| WDU 4 ZDU 4 | 6x69 | WDU 6 ZDU 6 | 5x52 |

vertical assembly

| | | | |
|-----------------------------|-------|-------------------|------|
| WDU 10 ZDU 10 (2) | 3x67 | WDU 16 ZDU 16 (2) | 2x56 |
| WDU 2,5 ZDU 2,5 IDU 2,5 (2) | 4x132 | WDU 35 ZDU 35 (2) | 2x42 |
| WDU 4 ZDU 4 (2) | 4x111 | WDU 6 ZDU 6 (2) | 3x83 |

Classifications

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

Test certificates

| | | | |
|-------------------------|-----------------|-----------------------------|-----------------|
| Certificate No. (ATEX) | KEMA10ATEX0047U | Certificate No. (GERMLLOYD) | 11534-10 |
| Certificate No. (IECEX) | IECEXKEM10.0020 | Certificate no. (cULus) | E243298VOL1SEC5 |

Product information

Descriptive text ordering data Colour variations may possibly occur in the case of painted housings.

Descriptive text technical data *For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Approvals

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Zeichnungen

