

Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 453820 S4E0

Weidmüller Interface GmbH & Co. KG
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Product image



Abbildung ähnlich

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 specifically in the 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 453820 S4E0 |
| Order No. | 1200380000 |
| Version | Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 458 mm, Width: 382 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| GTIN (EAN) | 4032248982950 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|----------|-----------------------------|-------------|
| Width | 382 mm | Width (inches) | 15.039 inch |
| Height | 458 mm | Height (inches) | 18.031 inch |
| Depth | 200 mm | Depth (inches) | 7.874 inch |
| Mounting dimension - width | 408 mm | Mounting dimension - height | 305 mm |
| Net weight | 11,280 g | | |

Cable glands, left

| | | | |
|-----|----|-----|----|
| M12 | 55 | M16 | 38 |
| M20 | 24 | M25 | 21 |
| M32 | 11 | M40 | 9 |
| M50 | 4 | M63 | 3 |
| M75 | 3 | | |

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 55 | M16 | 38 |
| M20 | 24 | M25 | 21 |
| M32 | 11 | M40 | 9 |
| M50 | 4 | M63 | 3 |
| M75 | 3 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 50 | M16 | 34 |
| M20 | 23 | M25 | 18 |
| M32 | 10 | M40 | 8 |
| M50 | 4 | M63 | 3 |
| M75 | 2 | | |

Certificate numbers enclosure

| | | | |
|---|----------------------|--|----------------------|
| Certificate no. assembled enclosure (ATEX) | IBExU14ATEX1050 | Certificate no. empty enclosure (ATEX) | IBExU14ATEX1028 U |
| Certificate no. assembled enclosure (IECEX) | IECEX IBE 14.0013 | Certificate no. empty enclosure (IECEX) | IECEX IBE 14.0004U |
| Certificate no., assembled enclosure (EAC) | RU C-DE.ГБ08.B.01328 | Certificate no., empty enclosure (EAC) | RU C-DE.ГБ08.B.00472 |
| Certificate no. assembled enclosure (INMETRO) | IEx 17.0021 | Certificate no. empty enclosure (INMETRO) | IEx 17.0020U |
| Certificate no. assembled enclosure (AEx) | E223792 | Certificate no. empty enclosure (NEPSI) | GYJ14.1308U |
| Certificate no. assembled enclosure (NEPSI) | GYJ14.1309 | Certificate no., assembled enclosure (KOSHA) | 16-AV4BO-0245X |
| Certificate no. (cULus) | E243298 | | |

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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 | 130 ° |
| Max. payload | 70 kg | Position PE bolts | Page C |
| Overall dimensions | 458 x 433 x 210 | Material | Stainless steel 1.4404 (316L) |
| 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 |
| Seal material | Silicone | Operating temperature, max. | 135 °C |
| Operating temperature, min. | -60 °C | Protection degree | IP66 |
| Impact resistance | 7 J ATEX version, 10 J version standard | Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet) |
| Note: protection class | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. | Integral fixing | 4, 6 or 9 stud bolts M6 inner (female) thread |
| Lid attachment | Quarter-turn fastener with slotted insert | | |

Housing earth

| | |
|----------------------------|---|
| Earth, enclosure, internal | Welded-on M6 stainless- steel earth stud in enclosure body 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 | 2x37 | WDU 16 / ZDU 16 | 2x31 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x73 | WDU 35 / ZDU 35 | 1x23 |
| WDU 4 / ZDU 4 | 2x62 | WDU 6 / ZDU 6 | 2x46 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC002503 | eClass 6.2 | 27-14-91-07 |
| eClass 7.1 | 27-14-91-07 | eClass 8.1 | 27-14-91-07 |
| eClass 9.0 | 27-18-05-02 | eClass 9.1 | 27-18-05-02 |

Product information

| | |
|---------------------|---|
| Product information | Minimum order quantity (10 pieces)**A customised test is required to guarantee application compliance |
|---------------------|---|

Creation date May 27, 2019 4:02:13 PM CEST

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Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01 |
| Brochure/Catalogue | MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN |
| Engineering Data | EPLAN, WSCAD |
| Tender specification | Klippon TB QL 453820 S4E0_1200380000_DE Klippon TB QL 453820 S4E0_1200380000_EN Klippon TB QL 453820 S4E0_1200380000_NL |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings

