

KTB QL 553520 S4E2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



Abbildung ähnlich

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: 550 mm, Width: 350 mm, Depth: 200 mm, Gland plates: Bottom, top, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| Order No. | 1200630000 |
| Type | KTB QL 553520 S4E2 |
| GTIN (EAN) | 4032248983643 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|-----------------------------|------------|----------------------------|-------------|
| Depth | 200 mm | Depth (inches) | 7.874 inch |
| Height | 550 mm | Height (inches) | 21.653 inch |
| Mounting dimension - height | 350 mm | Mounting dimension - width | 376 mm |
| Net weight | 11,500 g | Width | 350 mm |
| Width (inches) | 13.78 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 | 70 | M16 | 48 |
| M20 | 30 | M25 | 26 |
| M32 | 14 | M40 | 12 |
| M50 | 5 | M63 | 4 |
| M75 | 3 | | |

Cable glands, right

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

Cable glands, top/bottom

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

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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) | KEMA10ATEX0047U | Certificate No. (CCOE) | P461058_1 |
| Certificate No. (DNVGL) | TAE000013S | Certificate No. (EAC) | RUC-DE.08.B.01328 |
| Certificate No. (IECEX) | IECEXKEM10.0020 | 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) | IEX13.0008U |
| 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.A154.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 |

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Technical data

General information

| | | | |
|------------------------------|---|-----------------------------|---|
| AF size | 10 mm | Access opening: height | 497 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| Dimension of box | 291 mm | Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet) |
| Flange plate | 550x710x290 | Flange plate mounting | M6 hexagonal head screws 10 SW |
| Gland plates | Yes | Impact resistance | 7 J ATEX version, 10 J version standard |
| Integral fixing | Bottom, top | Lid | Yes |
| Lid attachment | 4, 6 or 9 stud bolts M6 inner (female) thread | Material | Stainless steel 1.4404 (316L) |
| Material thickness | Quarter-turn fastener with slotted insert | Material thickness of cover | 1.5 mm |
| Material thickness of flange | 1.5 mm | Max. payload | 77 kg |
| Note: protection class | 3 mm | Opening angle lid | |
| Operating temperature, max. | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. | | 130 ° |
| Overall dimensions | 135 °C | Operating temperature, min. | -60 °C |
| Protection degree | 572 x 401 x 210 | Position PE bolts | Enclosure side C |
| Standards | IP66 | Seal material | Silicone |
| | 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 |

Housing earth

| | |
|----------------------------|--|
| Earth, enclosure, internal | Welded-on M6 stainless-steel earth stud in enclosure body 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 | 2x46 | WDU 16 / ZDU 16 | 1x39 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x91 | WDU 35 / ZDU 35 | 1x29 |
| WDU 4 / ZDU 4 | 2x76 | WDU 6 / ZDU 6 | 2x58 |

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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 (10 pieces) |
|---------------------|------------------------------------|

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E243298 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box C-DE.AJ54.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 553520 S4E2_1200630000_DE Klippon TB QL 553520 S4E2_1200630000_EN Klippon TB QL 553520 S4E2_1200630000_NL |
| User Documentation | Assembly guidelines - empty enclosures |

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

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Drawings

