



European Union Recognized Organization (EU RO)
MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE

in accordance with Article 10.1 of EU Regulation 391/2009

Manufacturer **WEIDMULLER INTERFACE GMBH & CO.KG (DE 124599660)**

Address **Klingenbergstrasse 16, D-32758 Detmold, Germany**

Product*

Enclosures for electrical items of type: Klippon TB
(Klippon TB FS - Fixing Screew, Klippon TB MH - Multi Hinge, Klippon TB QL -
Quarter Lock)

Code of nomenclature **11190000**

This is to certify to the above named Manufacturer, that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognised Organisation Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements and below mentioned Rules/Standards: The most demanding and rigorous standard from all EU ROs has been taken as a reference for the development of the Technical Requirement on which present certificate is based.

EU RO Mutual Recognition Technical Requirements for LV ENCLOSURES & BOXES (Version 0.3)

This Type Approval Certificate is valid until **30.12.2026**

This Type Approval Certificate becomes invalid in cases stipulated in European Union Recognized Organization Mutual Recognition Procedure.

Place of issue **Hamburg, Germany** Date of issue **30.12.2021** No. **21.50075.272**

Russian Maritime Register of Shipping

L.S.

(signature)

A. Yagodin

(name)

* Additional information see overleaf.

Technical data

Types: *Klippon TB FS - Fixing Screew
Klippon TB MH - Multi Hinge
Klippon TB QL - Quarter Lock*

Size (Length x width x depth) in mm:

*229 x 152 x 133, 260 x 260 x 150, 260 x 260 x 200, 306 x 306 x 150, 306 x 306 x 200,
350 x 260 x 150, 350 x 260 x 200, 400 x 300 x 150, 400 x 300 x 200, 458 x 382 x 150,
458 x 382 x 200, 480 x 480 x 150, 480 x 480 x 200, 550 x 350 x 150, 550 x 350 x 200,
620 x 450 x 150, 620 x 450 x 200, 762 x 508 x 150, 762 x 508 x 200, 914 x 610 x 150,
914 x 610 x 200, 980 x 740 x 200*

Material : *Stainless Steel 1.4404 (316L)*

Material thickness: *1,5 mm, gland plates min 3 mm*

Finish Stainless Steel: *electrochemical polish, nature with finish*

Gasket: *Silicon*

Ingress protection: *IP 66/67 as per IEC 60529*

Temperature: *-60°C to + 135°C (IP 66) / -60°C to + 105°C (IP66/IP67)*

Design Evaluation Certificate No. 21.50076.272 of 30.12.2021

issued by **RS** which is EU RO and meets Article 10 of Regulation (EC) No. 391/2009 of the European Parliament.

Production quality assurance assessment has been carried out by Russian Maritime Register of Shipping.

Report No. 21.12289.272 of 30.12.2021

Application and Limitations

Enclosures and boxes used as part of switchgear and control gear assemblies of voltage up to 1000V a.c. at frequencies not exceeding 1000Hz or of voltage up to 1500V d.c.; intended for use onboard of ships; outdoor or indoor application.

Enclosures and boxes intended for the below listed applications are excluded:

- a) installation in areas where explosive gases or vapour atmospheres may occur;*
- b) appliances for which EMC requirements are to be met.*

Test reports with identification and date

LAB 16308 dd. 27.04.2010, LAB 16307 dd. 27.04.2021, LAB 16383 dd. 18.06.20210, No. 2010-0364-VU dd. 21.10.2010.

Manufacturer's documentation/identification number for product or series with date

Klippon TB FS - Data sheet 2712630000 C.40, C.41, Drawing No. 3 53088 dd. 30.05.2016 (Catalogue Drawings Nos. CATZ KTB FS 221513, 2626, 3030, 3626, 4030, 4538, 4848, 5535, 6245, 7650, 9161, 987420);

Klippon TB MH - Data sheet 2712630000 C.12, C.13, Drawing No. 3 52390 dd. 30.05.2016 (Catalogue Drawings Nos. CATZ KTB MH 221513, 2626, 3030, 3626, 4030, 4538, 4848, 5535, 6245, 7650, 9161, 987420);

Klippon TB QL - Data sheet 2712630000 C.38, C.39, Drawing No. 3 52391 dd. 30.05.2016 (Catalogue Drawings Nos. CATZ KTB QL 221513, 2626, 3030, 3626, 4030, 4538, 4848, 5535, 6245, 7650, 9161, 987420).



The product shall be delivered with a copy of this Type Approval Certificate

APPENDIX I

When a product is presented with this EU RO MR Type Approval Certificate for given application, its acceptability with regards to the limitations stated in the certificate conditions defined in 1b, 1c and 1d of the applied Technical Requirement will be evaluated by the EU RO in charge of classing the ship or being in charge of the unit/system certification.

In accordance with Article 10 of Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 "on common rules and standards for ship inspection and survey organizations", the following organizations, recognized by the EU on this date, have agreed on the technical and procedural conditions under which they will mutually recognize this certificate:

American Bureau of Shipping (ABS);
Bureau Veritas (BV);
China Classification Society (CCS);
Croatian Register of Shipping (CRS);
DNV;
Indian Register of Shipping (IRS);
Korean Register (KR);
Lloyd's Register Group Ltd. (LR);
Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK);
Polish Register of Shipping (PRS);
RINA Services S.p.A. (RINA);
Russian Maritime Register of Shipping (RS).

The scheme for the mutual recognition of class certificates for materials, equipment and components laid down by Article 10(1) of Regulation (EC) No 391/2009 is only enforceable within the Union in respect of ships flying the flag of a Member State. As far as foreign vessels are concerned, the acceptance of relevant certificates remains at the discretion of relevant non-EU flag States in the exercise of their exclusive jurisdiction, notably under the United Nations Convention on the Law of the Sea (UNCLOS). (In accordance with COMMISSION IMPLEMENTING REGULATION (EU) No 1355/2014 amending Regulation (EC) No 391/2009 - recital (25)).

Notes:

- 1) Refer to the agreed MR Technical Requirements for additional MR TAC information that may be specifically applicable to certain products - <https://www.euromr.org/technical-requirements>;
- 2) List of MR TACs issued by the EU ROs can be found by <https://www.euromr.org/links-to-mrcertificates>.
- 3) As per clause 9 of the Terms & Conditions for Mutual Recognition of Type Approval, the manufacturer will be required to agree that it will fulfil the obligations arising out of its quality assurance scheme as approved during production. The manufacturer certifies it has kept the accredited certification body and the EU RO that issued the MR TAC duly informed of any intended design changes or updating of the production quality assurance scheme for its consideration with regard to the validity of the MR TAC. The manufacturer will apply annually for periodical assessment by the EU RO to show that the production under the MR TAC and the quality assurance scheme are being satisfactory maintained;
- 4) The manufacturer should notify the RO issued the EU RO MR Certificate of any modification or changes to the equipment/ Firmware/ Operational System Software Version in order to obtain a valid Certificate.
- 5) MR TACs are valid for a maximum of 5 years as per clause 10 of the Terms & Conditions for Mutual Recognition of Type Approval;
- 6) For more information on the factors affecting the validity of MR TACs, see clause 11, 12 and 13 of the Terms & Conditions of Mutual Recognition of Type Approval.
- 7) For implementation of the amendments to Appendix I of Version 10.0 of the Framework Document by the EU ROs into their internal procedures and MR TAC templates, an application period of 6 months as from 1 July 2019 applies.

-END OF CERTIFICATE-