DNV·GL

Certificate No:
TAE00003ZT

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Enclosure for Electrical Equipment

with type designation(s)
Klippon STB 1, STB 1.1, STB 2, STB 2.1, STB 3, STB 4, STB 5, STB 6

Issued to
Weidmüller Interface GmbH & Co. KG
Detmold, Germany

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.
Degree of protection IP66
Vibration class D

Issued at **Hamburg** on **2020-06-18**
This Certificate is valid until **2025-06-17**.
DNV GL local station: **Essen**

for **DNV GL**

Approval Engineer: **Harald Amberger**

Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

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Job Id: **262.1-034025-1**
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Product description

Sizes:	Height 120 - 250, Width 120 - 400, Depth 80 - 130 mm
Material:	1.4404 (316L)
Material thickness:	1,5 mm
Gasket:	Silicon
Ingress protection:	IP 66
Temperature:	-60°C to 135°C
Voltage:	max. 1100V depending on the application
Exprotection:	II 2 G Ex e II C Gb; II2D Ex tD A21 IP66 as per certificate IBExU07ATEX1147U for further details see also IBEx U07ATEX1148

Application/Limitation

Operating instruction of the manufacturer to be observed. This applies especially to cable entries and other installed accessories.

Type Approval documentation

Tests carried out

Environmental tests acc. DNVGL-CG-0339, IEC 60529-1:2012

Marking of product

Weidmüller - Type designation - Main data.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE