Certificate No:
TAE00004BM

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Enclosure for Electrical Equipment

with type designation(s)
SOLID

Issued to
Fibox Oy Ab
Espoo, **Finland**

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

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Degree of protection	**IP66/67**
Vibration class	**A**

Issued at **Høvik** on **2021-07-26**
This Certificate is valid until **2026-07-25**.
DNV local station: **Finland CMC**

Approval Engineer: **Nicolay Horn**

for **DNV**

Marta Alonso Pontes
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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.

Product description

EK: All-purpose enclosure

Dimensions:	Width:	190 up to 760 mm
	Height:	190 up to 560 mm
	Depth:	130 up to 250 mm

Material:
Polycarbonate
IP: IP66/67
IK: IK08 (side surface) IK09 (front surface).

Application/Limitation

Operating instruction of the manufacturer to be observed.

Type Approval documentation

Tests carried out

Type tests in accordance with IEC 62208: 2011 (Second edition) and vibration.

Marking of product

Fibox - 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