DNV·GL

Certificate No:
TAE000020X

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Enclosure for Electrical Equipment

with type designation(s)
conFORM EKF 081 … EKF 162, EK 081 … EK 162

Issued to
ROLEC Gehäuse-Systeme GmbH
Rinteln, 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 IP 66/67 (NEMA4X)

Issued at **Hamburg** on **2017-07-27**
This Certificate is valid until **2022-07-26**.
DNV GL local station: **Magdeburg**

Approval Engineer: **Harald Amberger**

for **DNV GL**

Duy Nam Le
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.

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Product description

conFORM type	
Sizes	Height 44 -100, Width 84 - 168, Depth 79 - 268 mm
Material	GD-ALSi12(DIN 1725)
Gasket	forprene 35a
Ingress protection	IP 66/67 (NEMA 4X)
CSA report, Certificate of Compliance 1222928	

Application/Limitation

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

IEC 60529:2000; EN 62208:2003 subclause 9.8.1, dry heat, salt mist.

Marking of product

Manufacturers label containing data and manufacturers type number.

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