



Certificate No:
TAE00004H6

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Enclosure for Electrical Equipment

with type designation(s)
AX

Issued to
Rittal GmbH & Co. KG
Herborn, Hessen, Germany

is found to comply with
DNV 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.

Degree of protection see Application/Limitation
Vibration class A

Issued at **Hamburg** on **2024-06-11**

This Certificate is valid until **2029-06-10**.

DNV local station: **Essen**

Approval Engineer: **Harald Amberger**

for **DNV**

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Oddvar Deinboll
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

Plastic enclosures AX:

Dimensions:	Empty enclosure:	Empty enclosure / with viewing window:
	Width: 250 up to 800 mm	Width: 400 up to 800 mm
	Height: 350 up to 1000 mm	Height: 400 up to 1000 mm
	Depth: 150 up to 300 mm	Depth: 200 up to 300 mm

Application/Limitation

Degree of protection: IP66, IP56 (with viewing window)
IK rating: IK9, IK8 (with viewing window)

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

DIN EN 62208:2012-06, vibration

Marking of product

Rittal - 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