

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Enclosure for Electrical Equipment**with type designation(s)
NSYCRNG

Issued to

Schneider Electric Industries SAS
GRENOBLE, France

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 GL.****Degree of protection** Up to IP 66
Vibration class AIssued at **Høvik** on **2018-05-29**This Certificate is valid until **2023-02-19**.DNV GL local station: **Marseille**for **DNV GL**Approval Engineer: **Nicolay Horn**

Andreas Kristoffersen
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.



Name and place of manufacturer

SARRE APPARAREILLAGE ELECTRIQUE SAS
52 rue de Phalsbourg
BP-106 – 67260 SARRE-UNION CEDEX
France

Product description

Monobloc wall mounted steel enclosures:
-NSYCRNG sealed metal enclosures
-NSCRNG...T version with transparent glass door.

Type designation	Min dimension (W x H x D)	Max dimension (W x H x D)
NSYCRNG (single or double door)	800 x 600 x 400	1400 x 1000 x 300
NSCRNG...T (single or double door)	800 x 600 x 400	1200 x 800 x 400

Type approval covers enclosure structure and standard steel door.

Degree of protection: Types with 1 door: IP 66
Types with 2 doors: IP 55

Gasket material: Fermapor K31 A-9020-19-R-VP 12 and Fermapor K31 B5.

Application/Limitation

The selection of IP degree is to be in accordance with the Rules requirements for the actual installation.

Environmental classes: Vibration A, Temperature A, Humidity B

Type Approval documentation

Tests carried out

Type tests in accordance with IEC 62208 (2002), EN 62208, IP test in accordance with IEC / EN 60529 and environmental tests in accordance with "Gaidlines for the Performance of Type Approval, Chapter 2 Edition 2003.

Marking of product

Schneider Electric, manufacturing place and type number.

Periodical assessment

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

The main elements of the periodical assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routines (RT) checked (if not available tests 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.



Job Id: **262.1-028459-1**
Certificate No: **TAE00002W3**

Periodical assessment to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE