

# TEST CERTIFICATE

Issued to: Schneider Electric Industries SAS  
35, rue Joseph Monier  
92500 Rueil Malmaison  
France

For the product: Empty enclosure for low-voltage switchgear and controlgear assemblies

Trade name: Schneider Electric

Type/Model: Spacial CRN, Spacial CRNG

Ratings: IP66 (single door), IP55 (double door), IK 10 (plain door), IK 08 (glass door),  
indoor / outdoor  
For more details see annex

Manufactured by: Schneider Electric España, S.A. Sarel Appareillage Electrique SAS  
C/Call, 64 (Schneider group)  
08786 Capellades-Barcelona 52, route de Phalsbourg  
Spain BP106 - 67260 Sarre-Union Cedex  
(Spacial CRN products) France  
(Spacial CRNG products)

Subject: Design verification

Requirements: IEC 62208:2011 (ed. 2.0)  
Clauses 9.3, 9.4, 9.7, 9.8, 9.9, 9.11, 9.12, 9.13 and 9.14

Remarks: For details on production sites refer to annex.

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2178929.03-INC, dated 28 April 2015.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 28 April 2015

Number: 2178929.102

DEKRA Certification B.V.

H.R.M. Barends  
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

**Overview of product evaluation according to IEC 62208:**

| IEC 62208 Clause | Clause description   | Tested ratings  | Results |
|------------------|--|---|---------|
| 9.3              | Marking  |   | Pass    |
| 9.4              | Static loads   | Mounting plate: 250 kg / m <sup>2</sup><br>Plain door: 50 kg / m <sup>2</sup> (maximum 50 kg)<br>Base: 50 kg / m <sup>2</sup> | Pass    |
| 9.7              | Degree of protection against external mechanical impacts (IK code)   | IK 10 (plain door)<br>IK 08 (glass door)  | Pass    |
| 9.8              | Degree of protection against access to hazardous parts and against ingress of solid objects and/or water (IP code) | IP66 (single door)<br>IP55 (double door)  | Pass    |
| 9.9              | Properties of insulating materials   |   |         |
| 9.9.1            | Thermal stability  |   | Pass    |
| 9.9.2            | Resistance to heat   |   | Pass    |
| 9.9.3            | Resistance to abnormal heat and fire   |   | Pass    |
| 9.11             | Continuity of the protective circuit   | Resistance < 0,1 Ω  | Pass    |
| 9.12             | Resistance to ultra-violet (UV) radiation  |   | Pass    |
| 9.13             | Resistance to corrosion  | Severity test A: internal metallic parts<br>Severity test B: external metallic parts  | Pass    |
| 9.14             | Thermal power dissipation capability   |   | Pass    |

**Product details:**

| Enclosure    | Description   |
|--------------|---|
| NSYCRN ...   | Metal monobloc wall-mounting enclosure made from steel painted with texturised epoxy-polyester resin.<br>Plain door without mounting plate.<br>Locking system:<br>3-mm standard double bar lock<br>Size:<br>- 9 heights: 200, 250, 300, 400, 500, 600, 700, 800, 1000 mm<br>- 8 widths: 200, 250, 300, 400, 450, 500, 600, 800 mm (1 door)<br>- 4 depths: 150, 200, 250, 300 mm                   |
| NSYCRN ...P  | Same as NSYCRN ... with mounting plate.   |
| NSYCRN ...T  | Same as NSYCRN ... with glazed door.  |
| NSYCRNG ...  | Metal monobloc wall-mounting enclosure made from steel painted with texturised epoxy-polyester resin.<br>Plain door without mounting plate.<br>Locking system:<br>Three-point locking system for 1 and 2 doors. Standard 5-mm double bar lock.<br>Size:<br>- 4 heights: 800, 1000, 1200, 1400 mm<br>- 4 widths: 600, 800, 1000 mm (1 door) and 1000, 1200 mm (2 doors)<br>- 2 depths: 300, 400 mm |
| NSYCRNG ...T | Same as NSYCRNG ... with glazed door.   |

**Production sites:**

Schneider Electric España, S.A.  
C/Call, 64  
08786 Capellades-Barcelona  
Spain  
(Spacial CRN products)

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