

# 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 S3D, Spacial S3HD, Spacial S3DM, Spacial VDM

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

Manufactured by: Sarel Appareillage Electrique, SAS  
(Schneider group)  
52, route de Phalsbourg  
BP106 - 67260 Sarre-Union Cedex  
France

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: -

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2178929.04-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: 2178929.103

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> Plain door: 50 kg / m <sup>2</sup> (maximum 50 kg) Base: 50 kg / m <sup>2</sup> Internal rack: 3 kg / unit	Pass
9.7	Degree of protection against external mechanical impacts (IK code)	IK 10 (plain door) 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) 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 Severity test B: external metallic parts	Pass
9.14	Thermal power dissipation capability		Pass

**Product details:**

Enclosure	Description
NSYS3D ...	Metal monobloc wall-mounting enclosure made from steel painted with texturised epoxy-polyester resin. Plain door without mounting plate. Locking system: Single locking point (heights < 600 mm) Three locking points with linkage, with single control point (heights ≥ 600 mm) Size: - 9 heights: 300, 400, 500, 600, 700, 800, 1000, 1200, 1400 mm - 9 widths: 200, 250, 300, 400, 500, 600, 800, 1000 mm (1 door) and 1000, 1200 mm (2 doors) - 5 depths: 150, 200, 250, 300, 400 mm
NSYS3D ...P	Same as NSYS3D ... with mounting plate.
NSYS3D ...T	Same as NSYS3D ... with glazed door.
NSYS3HD ...	Metal monobloc wall-mounting enclosure made from steel painted with texturised polyester resin. Supplied, unlike the standard Spacial S3D, with curved canopy, plastic document pocket, door retainer and aluminium cable gland plate. Plain door without mounting plate. Locking system: Single locking point (heights < 600 mm) Three locking points with linkage, with single control point (heights ≥ 600 mm) Size (h x w x d): From 343 x 200 x 180 mm to 1062 x 800 x 430 mm (10 types).
NSYS3DM...T	Same as NSYS3D... with 1 glazed door (also available in plain door) and depth of 150 mm Size: - 6 heights: 400, 500, 600, 700, 800, 1000 mm - 5 widths: 300, 400, 500, 600, 800 mm - 1 depth: 150 mm
NSYVDM...4F or 4P	Same as NSYS3D... with 1 glazed door and fixed (F) or swing (P) internal rack Size: - 5 heights: 300, 400, 500, 700, 800 mm - 1 width: 600 mm - 1 depth: 400 mm