

# 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: Thalassa PLA, Thalassa PHD

Ratings: IP65 / IP55 / IP54 / IP44, IK 10 (plain / anti-posting door), IK 08 (glass door),  
indoor / outdoor  
For more details see annex

Manufactured by: Schneider Electric España, S.A.  
C/Llobregat, 9-11  
08750 Molins de Rei-Barcelona  
Spain

Subject: Type tests

Requirements: IEC 62208:2011 (ed. 2.0)  
Clauses 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 9.10, 9.12, 9.13 and 9.14

Remarks: -

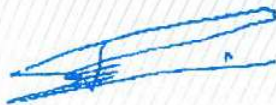
This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2178929.02-INC, dated 1 April 2015.

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, 1 April 2015

Number: 2178929.101

DEKRA Certification B.V.



F.S. Strikwerda  
Certification Manager

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**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: 150 kg / m <sup>2</sup> Plain door: 30 kg / m <sup>2</sup> Base: 50 kg / m <sup>2</sup> (NSYPHDZT) 100 kg / m <sup>2</sup> (other types) Lateral panels: 60 kg / m <sup>2</sup> (NSYPHDZT) 60 kg / m <sup>2</sup> (NSYPHDZT)	Pass
9.5	Lifting	Sling angle: ≥ 60° (NSYPHDZT)	Pass
9.6	Axial loads of metal inserts	500 N	Pass
9.7	Degree of protection against external mechanical impacts (IK code)	IK 10 (plain / anti-posting 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)	IP65           NSYPLA...G IP44 / IP54   NSYPLAT...G IP54           NSYPLAZ...G IP44 / IP54   NSYPLAZT...G IP65           NSYPHDT... IP55           NSYPHDT...  Note: Models with glass door and anti-posting door have same IP rating as models with plain 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
9.10	Dielectric strength	Ui 1000 Vac and 1500 Vdc	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
NSYPLA...G	Floor standing and wall mounting enclosures with plain door made from polyester reinforced with fibreglass, moulded by hot compression. Locking system: - 2-point closure for heights of 500, 750 mm - 4-point closure points for heights $\geq$ 1000 mm Size: - 6 heights: 500, 750, 1000, 1250, 1500, 2000 mm (2 doors) - 4 widths: 500, 750 (1 door) and 1000, 1250 mm (2 doors) - 3 depths: 320, 420, 620 mm
NSYPLA...TG	Same as NSYPLA...G with glazed door.
NSYPLAT...G (IP44)	Same as NSYPLA...G with ventilated canopy.
NSYPLAT...G (IP54)	Same as NSYPLA...G with ventilated canopy including filter.
NSYPLAZ...G	Same as NSYPLA...G with plinth-type open bottom (floor standing).
NSYPLAZT...G (IP44)	Same as NSYPLA...G with plinth-type open bottom and ventilated canopy (floor standing).
NSYPLAZT...G (IP54)	Same as NSYPLA...G with plinth-type open bottom and ventilated canopy including filter (floor standing).
NSYPLA...R	Same as NSYPLA...G with anti-posting surface door.
NSYPLAT...R	Same as NSYPLAT...G with anti-posting surface door.
NSYPLAZ...R	Same as NSYPLAZ...G with anti-posting surface door (floor standing).
NSYPLAZT...R	Same as NSYPLAZT...G with anti-posting surface door (floor standing).
NSYPHDT...P	Wall mounting enclosures with plain door made from HD polyester reinforced with a double layer of fibreglass (depending on the size). Including curved canopy. Closing by handle with lever and 1242 E cylindrical safety lock. Size: - 2 heights: 538, 788 mm - 1 width: 500 mm - 1 depth: 320 mm
NSYPHDT...	Same as NSYPHDT...P with anti-posting surface door.
NSYPHDZT...P	Floor standing enclosures with plain door made from HD polyester reinforced with a double layer of fibreglass (depending on the size). Including curved canopy and integrated plinth. Closing by handle with lever and 1242 E cylindrical safety lock. Size: - 5 heights: 843, 1093, 1343, 1593, 2093 mm (2 doors) - 3 widths: 500, 750 (1 door) and 1250 mm (2 doors) - 2 depths: 420, 620 mm
NSYPHDZT...	Same as NSYPHDZT...P with anti-posting surface door.