

TEST CERTIFICATE

Issued to: TEKPAN TEKNİK ELEKTRİK KUMANDA PANO SAN. VE TURİZM TIC. AŞ.
Kemalpaşa O.S.B. İstiklal Mh. 17 Sok. NO:8 Ulucak Kemalpaşa
İzmir
Turkey

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

Trade name: Tekpan

Type/Model: TEOS plus+/standard

Ratings: IK10 (metal enclosure), IK08 (glass door), indoor
For more details see annex

Manufactured by: TEKPAN TEKNİK ELEKTRİK KUMANDA PANO SAN. VE TURİZM TIC. AŞ.
Kemalpaşa O.S.B. İstiklal Mh. 17 Sok. NO:8 Ulucak Kemalpaşa
İzmir
Turkey

Subject: Type tests

Requirements: IEC 62208:2011
Clauses 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 9.11, 9.13, 9.14

Remarks: -

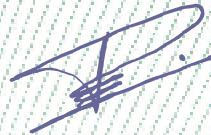
This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2251298.01-INC, dated 18 January 2021.

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, 18 January 2021

Number: 2251298.100

DEKRA Certification B.V.



F.S. Strikwerda
Certification Manager

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DEKRA

Overview of product evaluation according to IEC 62208:

IEC 62208 Clause	Clause description	Tested ratings	Results
9.3	Marking		Pass
9.4	Static loads	90 kg (rear panel width ≤ 800 mm) 110 kg (rear panel width > 800 mm) 90 kg (side panel) 500 kg (mounting plate) 50 kg (metal door) 0 kg (glass door)	Pass
9.5	Lifting	2000 kg (single door enclosure with 3 sections) 1000 kg (double door enclosure)	Pass
9.6	Axial loads of metal inserts	350 N (M4) 500 N (M6 and M8)	Pass
9.7	Degree of protection against external mechanical impacts (IK code)	IK10 (metal enclosure) IK08 (glass door)	Pass
9.8*	Degree of protection against access to hazardous parts and against ingress of solid objects and/or water (IP code)	IP54 (double door enclosure)	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	All insulating materials: 650 °C	Pass
9.11	Continuity of the protective circuit	Resistance < 0,1 Ω	Pass
9.13	Resistance to corrosion	Severity test A: indoor	Pass
9.14	Thermal power dissipation capability		Pass

* Degree of protection of single door enclosures is not part of this product evaluation on request from the manufacturer.

Product details:

Enclosure	Description
Method of fixing:	Floor standing
Enclosure material:	Sheet steel, powder coated
Metal thickness:	- 1,5 mm (rear and side panels, frame) - 2,0 mm (solid or glazed door) - 3,0 mm (mounting plate)
Size:	- maximum door width 800 mm (single solid or glazed door) - maximum door width (2x) 600 mm (double solid or glazed door) - maximum door height 2000 mm - maximum enclosure depth 800 mm
Door type:	- single reinforced door, or - double reinforced door (slave type)
Window:	- 4,0 mm tempered glass (glazed door)
Hinges:	- 4 hinges
Locking device:	- swing handle lock (single door) - swing handle lock (master double door) - rod locking (slave double door)

Applicant : TEKPAN TEKNİK ELEKTRİK KUMANDA PANO SAN.
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Kemalpaşa O.S.B. İstiklal Mh. 17 Sok. NO:8 Ulucak Kemalpaşa
İzmir
Turkey

Application Date : 3 November 2020

Order Number : 2251298.00-INC

Product : Empty enclosure for low-voltage switchgear and controlgear assemblies

Trade name : Tekpan

Type/Model : TEOS plus+/standard

Arnhem, 18 January 2021

Manufacturer/
Production sites: TEKPAN TEKNİK ELEKTRİK KUMANDA PANO SAN.
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Conclusion : The product complies with the specified requirements

Tested by : R. Verhagen



Checked by : H.L. Schendstok



RVer

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