



VALIDACION CERTIFICADO

# SM SERVIMETERS



## PRODUCT CONFORMITY CERTIFICATE

### SCHEME 5 – CONTINUOUS MARK

CERTIFICATE NUMBER: PROD-SM00559-1

## SERVIMETERS SAS

Certifies that:

### THE PRODUCTS

### INDUCTIVE VOLTAGE TRANSFORMERS

Whose references indicated in the Annex, are manufactured by RYMEL INGENIERIA ELECTRICA SAS, Located in: Paraje el Noral , Autopista Norte, Copacabana, Antioquia

Marketed by:

## RYMEL ELECTRICAL ENGINEERING SAS

NIT: 890.919.437 - 1

Located in:

Noral area , North Highway, Copacabana, Antioquia

They comply with the requirements of the standards: NTC 5933:2024 (IEC 61869-1:2023) - NTC 2207:2012 (IEC 61869-3:2011) - IEEE std C57.13:2016

Issue Date: 2022-07-05  
Modification date: 2025-08-14

Expiration Date: 2028-07-01  
Renewal date: 2025-07-01

### APPROVAL OF THE CERTIFICATE

Engineer Luisa Fernanda Toro Ríos  
General manager

#### Servimeters SAS Observations:

- 1- This certificate covers only the related product references.
- 2- The validity of this certificate during its term is subject to compliance with and the outcome of the annually scheduled surveillance evaluations.
- 3- Any modification to this certificate, as well as any misuse thereof, is void and subject to legal penalties.
- 4- This Product Certificate does not imply any judgment regarding products other than those mentioned in the list of certified references, nor regarding other products manufactured, marketed, integrated, or imported by the certificate holder.
- 5- Modification date 2024-02-27 corresponds to the inclusion of IEEE std C57.13:2016
- 6- Modification date 2025-07-01 corresponds to the update of the versions of the technical standards: NTC 5933:2024 (IEC 61869-1:2023)
- 7- Renewal date 2025-07-01
- 8- Modification date 2025-08-14 corresponds to the updating of internal references, clarification of the connection type and reorganization of information relating to the relationship and possible combinations of primary and secondary voltage values.

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[www.servimeters.com](http://www.servimeters.com)

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Compruebe su validez escaneando el código QR o comuníquese con nosotros.



ISO/IEC 17065:2012  
17-CPR-002



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EXHIBIT

## INDUCTIVE VOLTAGE TRANSFORMERS

GUY	Inside		Abroad	
Reference	TPIM2	TPIM1	TPEM2	TPEM1
Maximum voltage (kV)	17.5			
Insulation level (kV)	17.5/38/95			
Nominal primary voltage (V)	From 4160 to 14400	From 4160/√3 to 14400/√3	From 4160 to 14400	From 4160/√3 to 14400/√3
Nominal secondary voltage (V)	110 – 115 - 120	110/√3 - 115/√3 or 120/√3	110 – 115 - 120	110/√3 - 115/√3 or 120/√3
Accuracy class	0.2, 0.5, 3P, 6P			
Frequency (Hz)	50/60			
Nominal power, burden (VA)	1, 2.5, 5, 10, 15, 25, 30, 50			
Type of insulation	Epoxy resin			
Connection	F - F	F - T	F - F	F - T
Use	Inside		Abroad	
Referential	NTC 5933:2024 (IEC 61869-1:2023) - NTC 2207:2012 (IEC 61869-3:2011)			

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GUY	Inside		Abroad	
Reference	TPIM2	TPIM1	TPEM2	TPEM1
Maximum voltage (kV)	15.5			
Insulation level (kV)	15.5/38/95 See table 14 to 17 of the standard			
Nominal primary voltage (V)	From 4160 to 14400	From 4160/ $\sqrt{3}$ to 14400/ $\sqrt{3}$	From 4160 to 14400	From 4160/ $\sqrt{3}$ to 14400/ $\sqrt{3}$
Nominal secondary voltage (V)	110 – 115 - 120	110/ $\sqrt{3}$ - 115/ $\sqrt{3}$ or 120/ $\sqrt{3}$	110 – 115 - 120	110/ $\sqrt{3}$ - 115/ $\sqrt{3}$ or 120/ $\sqrt{3}$
Accuracy class	0.15; 0.3; 0.6; 1.2			
Frequency (Hz)	50/60			
Nominal power, burden (VA)	W (12.5) X (25.0) M (35.0) And (75.0)			
Type of insulation	Epoxy resin			
Connection	F - F	F - T	F - F	F - T
Use	Inside		Abroad	
Referential	IEEE std C57.13:2016			

End of certificate.

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