



VALIDACION CERTIFICADO

SM SERVIMETERS



PRODUCT CONFORMITY CERTIFICATE

SCHEME 5 – CONTINUOUS MARK

CERTIFICATE NUMBER: PROD-SM00762-1

SERVIMETERS S.A.S.

Certifies that:

THE PRODUCTS

MEDIUM VOLTAGE COMBINED TRANSFORMERS

The references indicated in the Annex are manufactured and marketed by:

RYMEL INGENIERÍA ELÉCTRICA S.A.S.

NIT: 890.919.437 - 1

Located at:

Paraje el Noral, Autopista Norte, Copacabana, Antioquia

Comply with the requirements of the following technical standards:

NTC 5933:2024 (IEC 61869-1:2023) - NTC 2205:2013 (IEC 61869-2:2012)

NTC 2207:2012 (IEC 61869-3:2011) - NTC 4540:2017 (IEC 61869-4:2013)

Issuance date: 2024-02-15

Expiration date: 2027-02-15

Modification date: 2026-03-02

CERTIFICATE APPROVAL

LUISA
FERNAN
DA TORO
RIOS

Firmado
digitalmente por
LUISA
FERNANDA
TORO RIOS
Fecha:
2026.03.02
16:38:32 -05'00'

Ing. Luisa Fernanda Toro Ríos
General Manager

Observations from Servimeters S.A.S.

- 1- This certificate covers only the listed product references.
- 2- The validity of this certificate is subject to compliance with and results of annual surveillance evaluations..
- 3- Any modifications to this certificate, as well as its improper use, are invalid and subject to legal penalties.
- 4- This product certificate does not imply any judgment on products other than those listed in the certified references, nor on other products manufactured, marketed, integrated, or imported by the certificate holder..
- 5- The modification date of 2025-02-04 corresponds to the update of the ONAC logo and the GCP-RG-17 format, version 5 of Servimeters S.A.S.
- 6- The reference "Combined Transformer 17.5 kV (Current and Potential Measurement Transformers)" is modified to: TCT.

GCP-RG-17, V5 2024-09-09
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www.servimeters.com

Bogotá, Carrera 20C No 74A-10 Barrio San Felipe, PBX (57)(601) 210 0833

Cel: (57) 320 888 2407, servicioalcliente@servimeters.com

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



ISO/IEC 17065:2012
17-CPR-002



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**CERTIFICATE NUMBER: PROD-SM00762-1****Combined transformer 17.5 kV (Current and potential measurement transformers)****ANNEX**

TYPE	Outdoor	
Reference	TCT	
Maximum voltage (kV)	17.5	
Insulation level (kV)	17.5/38/95	
Primary nominal current I_{pr} (A)	From 1 to 500 A	
Secondary nominal current I_{sr} (A)	1 or 5	
Overcurrent limit factor	1.2	
Nominal burden power (VA)	1, 2.5, 5, 10, 15, 30, 50 VA	
CT accuracy class	0.2S; 0.5S; 0.5; 0.2; 5P; 10P	
Frequency (Hz)	50/60	
Primary nominal voltage (V)	From 2,300 to 14,400	
Secondary nominal voltage (V)	110 – 115 - 120 110/√3 - 115/√3 ó 120/√3	
PT accuracy class	0.2; 0.5; 3P; 6P	
Connection	F - T	F - F
Ratio	13 800/√3: 115/√3 ó 120/√3 ó 110/√3 13 200/√3: 115/√3 ó 120/√3 ó 110/√3 12 000/√3: 115/√3 ó 120/√3 ó 110/√3 11 400/√3: 115/√3 ó 120/√3 ó 110/√3 14 400/√3: 115/√3 ó 120/√3 ó 110/√3 Other combinations	14 400: 115 ó 120 ó 110 V 13 800: 115 ó 120 ó 110 V 13 200: 115 ó 120 ó 110 V 12 000: 115 ó 120 ó 110 V 11 400: 115 ó 120 ó 110 V Other combinations
Insulation type	Epoxy resin	
Nominal short-circuit thermal current (I_{th})	8 kA, 1.5 s	
Nominal dynamic current (I_{dyn})	2.5*I _{th} .	
Reference standards	NTC 5933:2024 (IEC 61869-1:2023) - NTC 2205:2013 (IEC 61869-2:2012) - NTC 2207:2012 (IEC 61869-3:2011) - NTC 4540:2017 (IEC 61869-4:2013).	

End of certificate.GCP-RG-17, V5 2024-09-09
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