



AC 117

INSTYTUT ENERGETYKI

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CERTIFICATE OF CONFORMITY

No. 052/2021

Issue No. 01 of 2021.07.02

Name and address of the certificate holder:

Fabryka Aparatury Elektromechanicznej „FANINA” S.A.
ul. Jasińskiego 18
37-700 Przemyśl, Poland

Name of the product:

Outdoor current transformers

Type:

ISSN-70

Manufacturer:

Fabryka Aparatury Elektromechanicznej „FANINA” S.A.
ul. Jasińskiego 18
37-700 Przemyśl, Poland

Parameters and application of the product:

According to appendix
Outdoor LV current transformers assigned for measurements

The product meets requirements of:

IEC 61869-1:2007 (ed. 1.0), IEC 61869-2:2012 (ed. 1.0)

According to the report made by:

Instytut Energetyki; Instytut Elektrotechniki; CNBOP-PIB

Number of the type test report:

EWP/10/E/2015-3, EWP/49/E/2016, EWP/33/E/2018;
111/18/NZL/NBR/NN; 1211/BW/15

Period of validity:

from 2nd of July 2021 until 1st of July 2024

The right to use the certificate of conformity within its validity period applies only to:

- these copies that meet the requirements specified above and have the same characteristics (parameters) as the model / product samples submitted for testing,
- certificate holder or his authorized representative.

The list of evidenced parameters is included in the appendices to the certificate of conformity.

Number of appendices: 1

THE SYSTEM OF PRODUCT CERTIFICATION PC_1a (Program 1a acc. to PN-EN ISO/IEC 17067:2014-01)
(product parameters confirmed by type tests)



DIRECTOR OF
INSTYTUT ENERGETYKI

Tomasz Gałka
dr hab. inż. Tomasz Gałka, prof. IEN

Warsaw, 2021.07.02



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APPENDIX TO THE CERTIFICATE OF CONFORMITY
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LIST OF EVIDENCED PARAMETERS

Outdoor current transformer type	ISSN-70
Highest voltage of current transformer U_m	0,72 kV
Rated insulation level AC	3 kV
Rated frequency f_R	50 Hz
Rated primary current I_{pr}	150 A ÷ 1 500 A
Rated secondary current I_{sr}	5 A
Extended current rating	≤ 120%
Rated continuous thermal current I_{cth}	1,2 x I_{pr}
Rated short-time thermal current during 1s I_{th}	60 x I_{pr}
Rated dynamic current I_{dyn}	2,5 x I_{th}
Parameters of measurement cores <ul style="list-style-type: none">• rated power S_r• accuracy class• security factor FS	2,5 VA ÷ 5 VA 0,2S; 0,2; 0,5S; 0,5 5
Degree of protection of enclosure	IP66
Degree of protection of enclosure against external mechanical impacts	IK07
Vertical burning material classification	V-0 ¹⁾
Insulation class	B

NOTES:

- 1) Burning material classification based on enclosure samples with a thickness of 3 mm.
2. The above-mentioned parameters are assigned to instrument transformers equipped with connecting cables up to 8 m long.

