



**Instytut
Energetyki**

**INSTITUTE OF POWER ENGINEERING
– NATIONAL RESEARCH INSTITUTE**
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AC 117

CERTIFICATE OF CONFORMITY

No. DZC.522.43.2.2024
Issue No. 01 of 2024.06.14

Name and address of the certificate holder: Fabryka Aparatury Elektromechanicznej „FANINA” S.A.
ul. Jasynskiego 18
37-700 Przemysl, Poland

Name of the product: Current transformers

Type: IWF

Manufacturer: Fabryka Aparatury Elektromechanicznej „FANINA” S.A.
ul. Jasynskiego 18
37-700 Przemysl, Poland

Parameters: According to the appendix

Application of the product: Indoor 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 reports made by: Instytut Energetyki

Number of the type test report: EWP/25/E/2005, EWP/07/E/2009, EWP/10/E/2015-2, EWP/24/E/2018

Period of validity: from 14th of June 2024 until 13th of June 2027

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

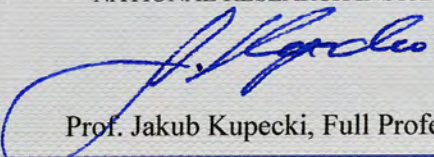
The list of evidenced parameters is included in the appendices to the certificate of conformity.

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 test)



DIRECTOR OF
INSTITUTE OF POWER ENGINEERING
– NATIONAL RESEARCH INSTITUTE


Prof. Jakub Kupecki, Full Professor

Warsaw, 2024.06.14



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APPENDIX TO THE CERTIFICATE OF CONFORMITY

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LIST OF EVIDENCED PARAMETERS

Indoor current transformer type	IWF with (20 x 5) mm busbar, IWF with (30 x 10) mm busbar
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}	25 A ÷ 600 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 ÷ 10 VA 0,2S; 0,2; 0,5S; 0,5 FS5
Degree of protection of enclosure	IP20
Degree of protection of enclosure against external mechanical impacts	IK07
Insulation class	B

NOTES: -

