



AC 117

**INSTYTUT ENERGETYKI**

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# CERTIFICATE OF CONFORMITY

**No. 049/2021**

**Issue No. 01 of 2021.06.24**

*Name and address of  
the certificate holder:*

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

*Name of the product:*

**Current transformers**

*Type:*

**IWF**

*Manufacturer:*

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

*Parameters and  
application of the product:*

**According to appendix  
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  
report 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 24<sup>th</sup> of June 2021 until 23<sup>th</sup> of June 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**

**dr hab. inż. Tomasz Gałka, prof. IEn**

Warsaw, 2021.06.24



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**APPENDIX TO THE CERTIFICATE OF CONFORMITY**  
**No. 049/2021**  
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**LIST OF EVIDENCED PARAMETERS**

<b>Indoor current transformer type</b>	<b>IWF with (20 x 5) mm busbar, IWF with (30 x 10) mm busbar</b>
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"><li>• rated power <math>S_r</math></li><li>• accuracy class</li><li>• security factor FS</li></ul>	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: -**

