



AC 117

INSTYTUT ENERGETYKI

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CERTIFICATE OF CONFORMITY

No. 048/2021

Issue No. 01 of 2021.06.16

Name and address of the certificate holder:

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

Name of the product:

Current transformers

Type:

ISS-1

Manufacturer:

Fabryka Aparatury Elektromechanicznej „FANINA” S.A.
ul. Jasińskiego 18
37-700 Przemysł, 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/10/E/2015-1, EWP/07/E/2009, EWP/64/E/2007, EWP/21/E/2018

Period of validity:

from 16th of June 2021 until 15th 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, 2021.06.16



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APPENDIX TO THE CERTIFICATE OF CONFORMITY**No. 048/2021****Issue No. 01 of 2021.06.16****LIST OF EVIDENCED PARAMETERS**

Indoor current transformer type	ISS-1-20, ISS-1-30, ISS-1-40, ISS-1-603, ISS-1-803
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}	75 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 ÷ 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: -