



Electrotechnical Engineering and Production, joint-stock company
619 00 BRNO, Videňská 117

REPORT OF PERFORMANCE No:

83-0113

Protective current transformer
CTS 12.S



A handwritten signature in black ink, consisting of a stylized 'J' followed by a series of loops and a checkmark-like flourish.

Brno 6. 3. 1997

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	Subject of test: Protective current transformer	Total of pages:5

Results of routine tests of protective instrument
current transformer
Production No.: 1200076

Kind of test	Reached values
Verification of terminal markings acc. to clause 16	Satisfactory
Tests for accuracy acc. to clause 38	Winding: 30 VA class: 5P Satisfactory
Composite error (ϵ) and accuracy limit (n) acc. to clause 40	Winding : $\epsilon \leq 5\%$ $n = 10$ Satisfactory
Power-frequency test on primary winding acc. to clause 17	28 kV - 50 Hz - 1 min Satisfactory
Power-frequency tests between sections of primary and secondary windings and on secondary windings acc. to clause 18	3 kV - 50 Hz - 1 min Satisfactory
Interturn insulation test acc. to clause 19	100% I_n - 50 Hz - 1 min Satisfactory
Partial discharge acc. to clause 17	$Q < 50$ pC Satisfactory

The protective transformer complies with required according to IEC Publications 185.

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Results of routine tests of protective instrument
current transformer
Production No.: 1200077

Kind of test	Reached values
Verification of terminal markings acc. to clause 16	Satisfactory
Tests for accuracy acc. to clause 38	Winding: 30 VA class: 5P Satisfactory
Composite error (ϵ) and accuracy limit (n) acc. to clause 40	Winding : $\epsilon \leq 5\%$ $n = 10$ Satisfactory
Power-frequency test on primary winding acc. to clause 17	28 kV - 50 Hz - 1 min Satisfactory
Power-frequency tests between sections of primary and secondary windings and on secondary windings acc. to clause 18	3 kV - 50 Hz - 1 min Satisfactory
Interturn insulation test acc. to clause 19	100% I_n - 50 Hz - 1 min Satisfactory
Partial discharge acc. to clause 17	$Q < 50$ pC Satisfactory

The protective transformer complies with required according to IEC Publications 185.

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Results of routine tests of protective instrument
current transformer
Production No.: 1200078

Kind of test	Reached values
Verification of terminal markings acc. to clause 16	Satisfactory
Tests for accuracy acc. to clause 38	Winding: 30 VA class: 5P Satisfactory
Composite error (ϵ) and accuracy limit (n) acc. to clause 40	Winding : $\epsilon \leq 5\%$ $n = 10$ Satisfactory
Power-frequency test on primary winding acc. to clause 17	28 kV - 50 Hz - 1 min Satisfactory
Power-frequency tests between sections of primary and second- ary windings and on secondary windings acc. to clause 18	3 kV - 50 Hz - 1 min Satisfactory
Interturn insulation test acc. to clause 19	100% I_n - 50 Hz - 1 min Satisfactory
Partial discharge acc. to clause 17	$Q < 50$ pC Satisfactory

The protective transformer complies with required according to
IEC Publications 185.

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	Subject of test: Protective current transformer	Total of pages:5

Results of routine tests of protective instrument
current transformer
Production No.: 1200079

Kind of test	Reached values
Verification of terminal markings acc. to clause 16	Satisfactory
Tests for accuracy acc. to clause 38	Winding: 30 VA class: 5P Satisfactory
Composite error (ϵ) and accuracy limit (n) acc. to clause 40	Winding : $\epsilon \leq 5\%$ $n = 10$ Satisfactory
Power-frequency test on primary winding acc. to clause 17	28 kV - 50 Hz - 1 min Satisfactory
Power-frequency tests between sections of primary and secondary windings and on secondary windings acc. to clause 18	3 kV - 50 Hz - 1 min Satisfactory
Interturn insulation test acc. to clause 19	100% I_n - 50 Hz - 1 min Satisfactory
Partial discharge acc. to clause 17	$Q < 50$ pC Satisfactory

The protective transformer complies with required according to IEC Publications 185.

REPORT OF PERFORMANCE No: 83 -0113		Page: 1
Subject of test: Protective current transformer		Total of pages: 5
Type: CTS 12.S	Kind of test: routine	
	Tested according to: IEC Publications 185	
Rates values: Rated primary current 400 A Rated secondary current 5 A Highest voltage for equipment 12 kV Accuracy class 5P Accuracy limit (n) 10 Rated output 30 VA Rated frequency 50 Hz Rated dynamic current 125 kA Rated short-time thermal current 50 kA Test voltage 28 kV	Test ordered by: KPB INTRA, s.r.o. Fučíkova 860 685 01 Bučovice	
	No. of orderer: KPB INTRA 11/97	
	Survey numbers of samples: 285-288/97	
	Atmospheric conditions: Temperature: 20 °C Pressure: Air moisture:	
Products producer: KPB INTRA, s.r.o. Fučíkova 860 685 01 Bučovice	Report contains: sheets of text: 5 tables: oscillograms: diagrams: drawings: photographs:	Distribution: KPB INTRA 2x IVEP 3x
Samples delivered on: the 17. February, 1997		
Result of the test: The protective current transformer complies with tests required according to IEC Publications 185.		
date of the test: 17.-18.2.1997	Tested by: Vlastimil Rada	Chief of test rooms: Přemysl Mudra

