

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

REPORT OF PERFORMANCE No: 83 - 0115

MEASURING CURRENT TRANSFORMER

CTS 25

Bmo: 29, 4, 1997

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REPORT OF PERFORMANCE No: 83 -0115 1 Page: Subject Measuring current Total of of test: transformer pages: Kind of test: routine Type: Tested according to: CTS 25 ČSN 35 1360 Rates values: Test ordered by: KPB INTRA, s.r.o. Rated primary current Fučíkova 860 1500 - 3000 A 685 01 Bučovice Rated secondary current 5 A Highest voltage for equipment 25 kV No. of orderer: KPB INTRA 24/97 Accuracy class 0,5 Accuracy limit (n) n < 10 Rated output 30 VA Survey numbers of samples: Rated frequency 50 Hz Test voltage 55/125 kV 378/97 až 380/97 Atmospheric conditions: Temperature: Pressure: Air moisture: Products producer: Report contains: Distribution: KPB INTRA, s.r.o sheets of text: 4 KPB INTRA 2x Fučíkova 860 tables: IVED 3x685 01 Bučovice oscillograms: diagrams: Samples delivered on: drawings: April 1997 photographs: Result of the test: _____

The measuring courrent transformer complies with tests required according to CSN 35 1360.

date of the test:

17. 04.1997

Tested by:

Vlastimil Rada

Chief of test rooms:

Jaromír Mydra,

REPORT OF PERFORMANCE No.: 83-0115 Page: 2
Subject
of test: Measuring current Total
transformer of pages:4

Results of routine tests of measuring instrument current transformer
Production No.: 2500152

| Kind of test | Reached values Satisfactory | |
|--|---|--|
| Verification of terminal markings acc. to clause 16 | | |
| Tests for accuracy acc. to clause 27 | Winding: 30 VA class: 0,5 Satisfactory | |
| Composite error (ϵ) and accutacy limit (n \tilde{j} acc. to clause 40 | Winding : | |
| Power-frequency test on primary winding acc. to clause 17 | 55 kV - 50 Hz - 1 min Satisfactory | |
| Power-frequency tests between sections of primary and secondary windings and on secondary windings acc. to clause 18 | 2 kV - 50 Hz - 1 min Satisfactory | |
| Interturn insulation test acc. to clause 19 | 100% I - 50 Hz - 1 min Satisfactory | |
| Partial discharge acc. to clause 17 | Q = pC | |

The measuring transformer complies with required according to CSN 35 1360.

| | REPORT OF PERFORMAN Subject | | Page: 3 |
|---|--|---|------------------|
| | of test: Measuring current transformer | | Total of pages:4 |
| curre | Its of routine tests ent transformer action No.: 2500153 | of measuring instr | ument |
| Kind of test | | Reached values | |
| Verification of terminal markings acc. to clause 16 | | Satisfactory | |
| Tests for acclause 27 | ccuracy acc. to | Winding: 30 VA class: 0,5 Satisfactory | |
| | rror (ϵ) and nit (n) acc. to | Winding : | |
| | ency test on primary . to clause 17 | 55 kV - 50 Hz - 1 min Satisfactory | |
| sections of dary winding | ency tests between primary and secon- gs and on secondary c. to clause 18 | 2 kV - 50 Hz - 1 min Satisfactory | |
| Interturn in to clause 1 | nsulation test acc. | 100% I - 50 Hz - 1 min Satisfactory | |
| Partial disc clause 17 | charge acc. to | Q = pC | |
| The measuri | ng transformer comp | lies with required a | ccording to |

| | REPORT OF PERFORMA Subject of test: Measuri transfo | | Total of pages: |
|--|---|---|-----------------|
| curre | ts of routine tests ent transformer action No.: 2500154 | of measuring instr | rument |
| Kind of test | | Reached values | |
| Verification of terminal markings acc. to clause 16 | | Satisfactory | |
| Tests for accelause 27 | ccuracy acc. to | Winding: 30 VA class: 0,5 Satisfactory | |
| Composite er accutacy lin clause 40 | from (ϵ) and ait (n) acc. to | Winding : | |
| | ency test on primary to clause 17 | 55 kV - 50 Hz - 1 min Satisfactory | |
| Power-frequency tests between sections of primary and secondary windings and on secondary windings acc. to clause 18 | | 2 kV - 50 Hz - 1 min Satisfactory | |
| Interturn in | nsulation test acc. | 100% I - 50 Hz - 1 min Satisfactory | |
| Partial disc | charge acc. to | Q = pC | |