

Serial No. \_\_\_\_\_



Electroschild - C° 000



ME65

**Current Transformer**

**TLO-24**

**PASSPORT**

**EK.1.775.004 PS**

Manufacturer's address:

24 Sovetskaya str. Babynino, Kaluga region, 249210 Russia

Telephone (48448) 2-17-51, fax (48448) 2-24-58

Moscow office: 26 Ryabinovaya Str., building 2,  
office 307

tel./fax: (495) 660-82-52

## 1 General Information

Current transformer TLO-24 \_\_\_\_\_

TU 3414-024-52889537-07

Serial No. \_\_\_\_\_ Manufacturing date \_\_\_\_\_

## 2 Basic Technical Data and Characteristics

Rated voltage, kV \_\_\_\_\_

Maximum operating voltage, kV \_\_\_\_\_

Rated primary current, A \_\_\_\_\_

Rated secondary current, A \_\_\_\_\_

Rated frequency, Hz \_\_\_\_\_

Number of secondary windings \_\_\_\_\_

Accuracy class:

Measuring winding 1И \_\_\_\_\_

Protection winding 2И \_\_\_\_\_

Rated secondary burden, VA \_\_\_\_\_

Measuring winding 1И \_\_\_\_\_

Protection winding 2И \_\_\_\_\_

Rated instrument security factor of secondary measuring winding  $FS_{rat}$ ,  
not more \_\_\_\_\_

Rated accuracy limit factor of secondary protective winding  $ALF_{rat}$ ,  
not less \_\_\_\_\_

Excitation voltage, V: \_\_\_\_\_

Measuring winding 1И \_\_\_\_\_

Protection winding 2И \_\_\_\_\_

Excitation current, A: \_\_\_\_\_

Measuring winding 1И \_\_\_\_\_

Protection winding 2И \_\_\_\_\_

Direct-current resistance, mOhm \_\_\_\_\_

Measuring winding 1И \_\_\_\_\_

Protection winding 2И \_\_\_\_\_

Primary winding testing voltage 75 kV 50 Hz 1 min

Secondary windings testing voltage 3 kV 50 Hz 1 min

Insulation level \_\_\_\_\_

Climatic class and placement category \_\_\_\_\_

Transformer weight, kg (not more) \_\_\_\_\_

Partial discharge level, pC \_\_\_\_\_

ATTENTION! Each overvoltage retesting on the base insulation must be performed in accordance with Electrical Installation Regulations, version 7 chapter 1.8.17 cl. 3.1 table 1.8.16

## 3 Package Contents

Current transformer 1 pcs

Passport 1 pcs

Operation Manual according to order

## 4 Manufacturer's warranties

The manufacturer warrants correct operation of the transformer, provided that the customer follows requirements to operation, mounting, demounting and storage specified in Operation Manual EK.1.775.04 RE.

Warranty service life – 3 years from the transformer commissioning date but not more than 3.5 years from the shipment date.

## 5 Acceptance Certificate

The current transformer conforms to requirements of TU 3414-024-52889537-07 and was qualified for operation.

Test responsible \_\_\_\_\_  
signature full name date PT lab stamp

The transformer passed the initial verification under Verification Method EK.1.760.000 PM5  
Re-verification interval – 8 years

Verification officer \_\_\_\_\_  
signature full name date Verification mark  
impression

Acceptance Responsible \_\_\_\_\_  
signature full name date QC stamp