

**WARNING! Do not throw away for the entire duration of the transformer service life!**



# TECHNICAL MANUAL

## CURRENT TRANSFORMERS TTE AND TTE-A 0,66 KV



### 1 DESCRIPTION

Current transformers TTE and TTE-A 0,66 kV (hereinafter - transformers) are the current-sensing units designed to transform and transmit current to metering, protective, automation, alarm, and control equipment in 50 Hz AC circuits. Accuracy class 0,5 transformers are suitable for internal energy consumption measurement; accuracy class 0,5S transformers are suitable for fiscal electricity metering.

### 2 TECHNICAL DATA

Parameter	Transformer model						
	TTE-A	TTE-30	TTE-40	TTE-60	TTE-85	TTE-100	TTE-125
Rated voltage $U_r$ , kV	0,66						
Rated frequency $f_r$ , Hz	50						
Rated primary current $I_{pr}$ , A	5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80, 100, 120, 125, 150, 200, 250, 300, 400, 500, 600, 750, 800, 1000	100, 150, 200, 250, 300, 400	300, 400, 500, 600	300, 400, 500, 600, 750, 800, 1000	750, 800, 1000, 1200, 1500	800, 1000, 1200, 1500, 1600, 2000, 2250, 2500, 3000	1500, 1600, 2000, 2250, 2500, 3000, 4000, 5000
Rated secondary current $I_{sr}$ , A	5						
Burden rating $S_{sr}$ at power factor=0,8, VA	5, 10, 15, 20, 25, 30						
Accuracy class	0,5; 0,5S						
Max. weight, kg	0,6			1,02		1,16	2,2
Security factor (FS): 5							

### 3 DELIVERY SCOPE

Delivery scope includes:

- current transformer – 1 pc.;
- mounting kit (for busbar and mounting plate) – 1 pc.;
- technical manual – 1 pc.

### 4 WARRANTY

Warranty period: 3 years from the date of sale, conditional on observing operation, transportation and storage requirements. Average service life: 25 years. Shelf life: 3 years.

### 5 MANUFACTURER

Made to order and under the control of: 000 «Electroresheniya», Otradnaya st., 2b bld. 9, 5th floor, 127273, Moscow, Russia. Tel.: +7 (495) 788-88-15. Tel.: 8 (800) 333-88-15 (toll free)

### 6 CERTIFICATE OF ACCEPTANCE AND VERIFICATION

Current transformer TTE, TTE-A 0,66 kV, serial number \_\_\_\_\_ complies with the requirements of IEC 61869-1:2007, IEC 61869-2:2012 and has been approved for operation.

Initial and periodic verification of transformers performed in accordance with IEC 60364-6:2016 Low voltage electrical installations - Part 6: Verification.

Verification interval: 4 years. Information about verification has been filed with the responsible authorities.

Verification officer \_\_\_\_\_

« \_\_\_\_\_ » \_\_\_\_\_ 20 \_\_\_\_ г.

Quality control stamp  
\_\_\_\_\_



v3

Technical and operation manual is available at the manufacturer's website:

[ekfgroup.com](http://ekfgroup.com)



**WARNING! Do not throw away for the entire duration of the transformer service life!**