



Separately mounted gas-filled current transformer (TOG-35-II) is designed for application as a mean of verification of industrially produced current transformers, can be used for transmission of the measuring information signal onto the measuring instruments during high-voltage tests of electrical equipment.

Characteristic features of this transformer are that it is manufactured multirange, i.e. is designed for twelve transformation ratios, has high class of accuracy, relatively small overall dimensions and mass, and is also fire- and explosion-proof.

The range of operating temperatures is from +10°C to +40°C.

The main parameters and characteristics of the transformer are given in the Table.

Exterior of TOG-35-II transformer is shown on the photo and in Figure.

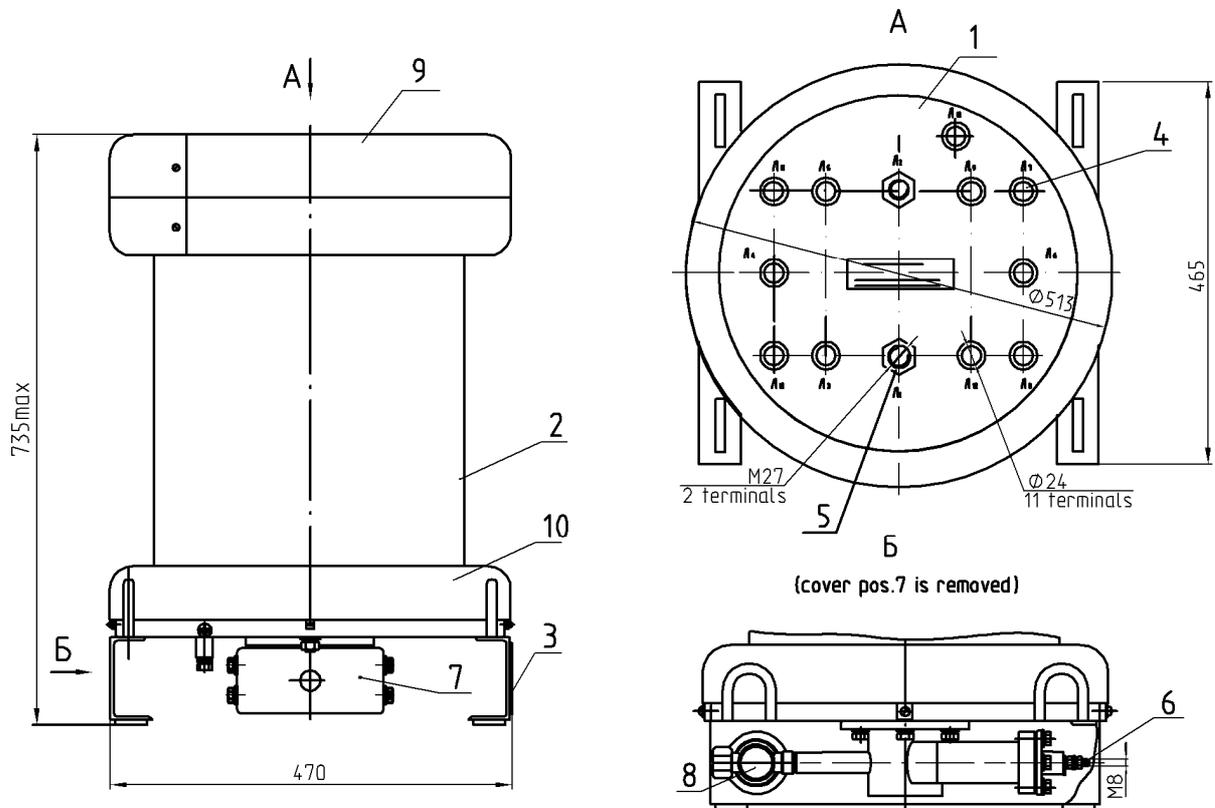
## TECHNICAL CHARACTERISTICS

Name of parameter	Measurement units	Value of parameter
Rated values of primary current strength	A	1; 2; 5; 10; 20; 40; 80; 150; 300; 400; 600; 1200
Rated value of secondary current strength	A	1
Rated transformation ratios		1; 2; 5; 10; 20; 40; 80; 150; 300; 400; 600; 1200
Rated power (cos φ=0.8)	V·A	5
Rated value of primary winding voltage	kV	35
Rated frequency	Hz	50
Accuracy class		0.05
Mass	kg	115

On agreement between the Manufacturer and the Customer the above parameters and characteristics can be changed.

## TEST INSTALLATIONS

At the customer's request current transformers can be completed with step-down transformer, start-and-control gear and measuring means, which help to ensure performance of tests on determination of errors from 0.4 kV power source.

**TOG-35-II CURRENT TRANSFORMER**

**Figure. Design, overall and interface dimensions of TOG-35-II transformer**

1 – flange; 2 – cylinder; 3 – base; 4,5 – terminals of primary winding; 6 – terminals of secondary winding; 7 – cover; 8 – bellows valve; 9,10 – shields.



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