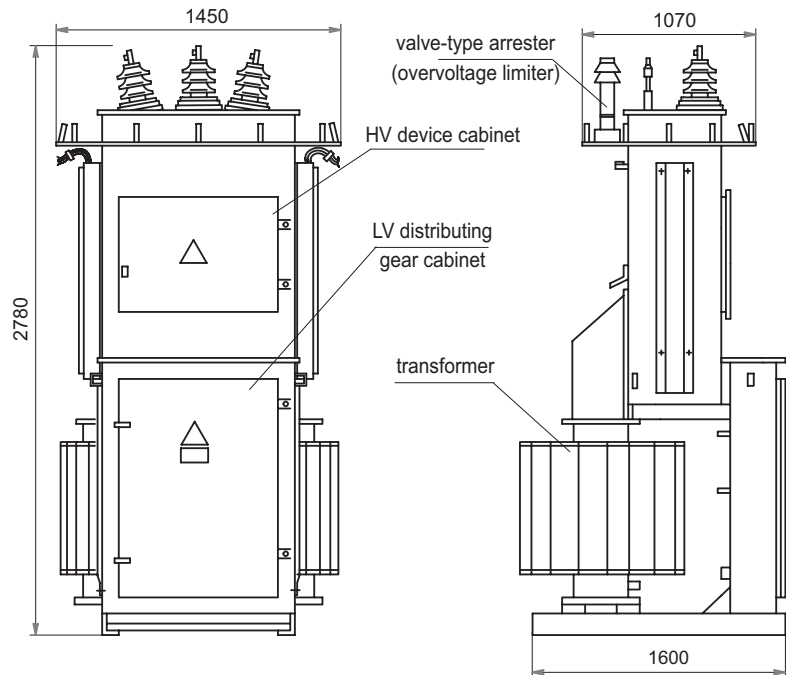


KTII-99 AND KTIP TYPES UNITIZED TRANSFORMER SUBSTATIONS rating 25-250kV·A, with a voltage 6 (10) kV

KTII-99 and KTIP are one-transformer substations of terminal type for outdoor installation and are intended to receive electric energy – three-phase, 50 Hz a.c. of 6 or 10 kV, to convert it into 0.4 kV for energy supply in moderate climatic conditions (from -45°C to +40°C).

To switch substation into power network a disconnecting switch is used (included into KTII delivery set). Outgoing feeders are fitted with stationary automatic circuit-breakers (in KTII-99) or knife-switches with arc chutes (in KTIP).

Number of outgoing lines and current thereof may be selected as per customer's demand.



Type denomination	HV side		LV side				
	Rated voltage, kV	Fusing current	Rated current, A				Exterior lighting line
			Line No. 1	Line No. 2	Line No. 3	Line No. 4	
KTII-25/10/0.4	6	8	31.5	31.5	-	-	16
KTIP-25/10/0.4	10	5					
KTII-40/10/0.4	6	10	40	63	40	-	
KTIP-40/10/0.4	10	8					
KTII-63/10/0.4	6	16	80	100	80	-	
KTIP-63/10/0.4	10	10					
KTII-100/10/0.4	6	20	80	160	100	250	
KTIP-100/10/0.4	10	16					
KTII-160/10/0.4	6	31.5	80	250	-	-	
KTIP-160/10/0.4	10	20					
KTII-250/10/0.4	6	40	80	250	-	-	
KTIP-250/10/0.4	10	31.5					
KTII-250/10/0.4	6	40	80	250	-	-	
KTIP-250/10/0.4	10	31.5					