

Description

Protective relays testing device UPZ –450/2000 intended for:

- adjustment and testing of simple protective relays in place of their installation at power plants, substations, industrial plants or in the laboratory
- adjustment and testing of electroautomatics elements (electromagnetic relays, contactors, motor starters, etc.)
- adjustment and testing of circuit breakers



Technical specification

Parameter	UPZ-450/2000		
Output terminal U1: ~ 450/5—Adjustable AC voltage, and \pm 450/5 – Adjustable DC voltage			
Adjustment ranges of output voltage, V	0,2...50	2,0...250	4,0...450
Rated output current, A	5	5	3
Maximum output current, A	8	8	5
Rated output power, kW	1,5		
Max output power, kW	2,5		
Adjustment step of the output voltage when using single phase voltage regulator (laboratory autotransformer)	0,1	0,25	0,45
Protection: FU1—fuse-link, A	10		
Output Terminal U2: Adjustable Alternative Current and Voltage	0,05...10		
Adjustment range of the output voltage, V	220V +/- 10% (50 Hz)		
Adjustment range of the output current, A/td>	0...20	0...200	
Rated output current when using single-phase voltage regulator (laboratory autotransformer), A	20	200	
Maximum output current when using single-phase voltage regulator (laboratory autotransformer), A	22	220	
Protection: Circuit breaker device C25, Im setting of current measurer	22	220	
Output Terminal U3: Adjustable Alternative Current and Voltage			
Adjustment range of the output voltage, V	0,03...3,3		
Adjustment range of the output current, A/td>	0...2000		
Maximum output current when using built-in thyristor regulator, A	3000		
Protection: Circuit breaker device C25, Im setting of current measurer	2200		