

Description

JLSZYF4-10(JLSZY-10) three-phase outdoor epoxy resin casting combined transformer, also called outdoor power metering unit, full enclosed post structure. It has the characteristic of electric arc resistance, ultraviolet resistance, aging resistance, long service life and etc.

This combined unit consists of three CTs and three single phase PTs, and widely used for current, voltage and electric energy measuring and relay protection, in the power system with the frequency 50Hz or 60 Hz and voltage up to 12kV. It's suitable for rural outdoor substation, also be used for industrial small transformer and distribution station.

Environment condition

- Ambient temperature: -25°C -+40°C
- Altitude: ≤4500m
- Wind pressure: ≤700Pa(equals to wind speed 34m/s)
- Relative humidity: daily average: ≤95%; monthly average: ≤90%
- Air contamination degree: IV degree

Voltage Transformer

Rated voltage ratio (kV)	Accuracy class and rated secondary output (VA) COSΦ=0.8	Thermal limit output (VA)	Rated Insulation level(kV)
10000/100	0.2--3×20 0.5--3×50 1--3×80 3--3×200	3x400	12/42/75kV

Current Transformer

Rated primary current (A)	Single transformation ratio	Accuracy class and rated output (VA) COSΦ=0.8			1S short-time thermal current (kA)	Rated dynamic current	Rated Insulation level (kV)
		02S	0.5S	0.5			
7.5-10-15	7.5	10	10	15	1.0	2.5	12/42/75kV
10-15-20	10				1.5	3.75	
15-20-30	15				2.4	6.0	
20-30-40	20, 25				3.0	7.5	
30-40-50	30				4.5	11	
40-50-75	40				8	20	
50-75-100	50				9	22.5	
75-100-150	75				12	30	
100-150-200	100				16	40	
150-200-300	150				24	60	
200-300-400	200, 250				32	80	
300-400-500	300				45		
400-500-600	400				60	100	
500-6300-800	500-1000				80		
600-800-1000							

Note: Please email us if you need the combined transformers with other specifications.

Send a inquiry