

Description

JLSZY(F)-35 three-phase outdoor epoxy resin casting CT & VT combined transformer, also called outdoor power metering unit, full enclosed post structure. It's usually used for three phase power lines on the A,B,C 3 phase active and reactive energy metering.

This combined unit consists of 2 CTs and 3 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 35kV (40.5kV). 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%

Voltage Transformer

Rated voltage ratio (kV)	Accuracy classes combination	Accuracy classes and rated output (VA) COSΦ=0.8		Thermal limit output (VA)	Rated Insulation level(kV)
		0.2	0.5		
35/0.1	0.2	30	60	3x350	40.5/95/185kV
33/0.1	0.5				

Current Transformer

Rated current ratio (A)	Accuracy classes combination	Accuracy class and rated output (VA) COSΦ=0.8		1S short-time thermal current (kA)	Rated dynamic current	Rated Insulation level (kV)
		02S	0.5			
5/5-75/5	0.2(S) 0.5	10 or 15	10 or 15	100I1n	250I1n	40.5/95/185kV
100/5-200/5				150I1n	375I1n	
300/5				31.5	80	
400/5-600/5				63	130	

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

Send a inquiry