GFJDZW-3, 6, 10RG

DOUBLE POLE SILICON RUBBER 11KV OUTDOOR VOLTAGE TRANSFORMER

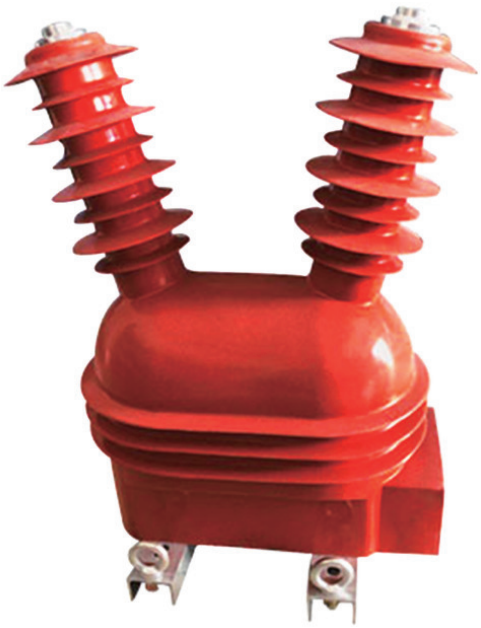
GFJDZW-3, GFJDZW-6, GFJDZW-10 High Accuracy 11kV Outdoor Voltage transformers are designed for outdoor metering and relaying applications. This product has the characteristics of high precision and large capacity, and can be customized according to customer requirements.

The primary and secondary coils are wound using special winding and shielding techniques for improved voltage stress distribution. Each coil is carefully insulated with mylar film to provide a high dielectric medium between layers. The completed winding structure and double-loop cores are assembled to a support frame.

It can be used for medial voltage AIS, or can be used for medial voltage switchgears. They can operate in all kinds of environments (such as wide range temperature (-50~70℃), high altitude, high humidity, high pollution or salt). This model JDZW-10 outdoor voltage transformer is also as voltage source to supply 220V voltage. Strictly Comply IEC60044-2; IEC 61869-1,3; ANSI/IEEE C57.13

Features

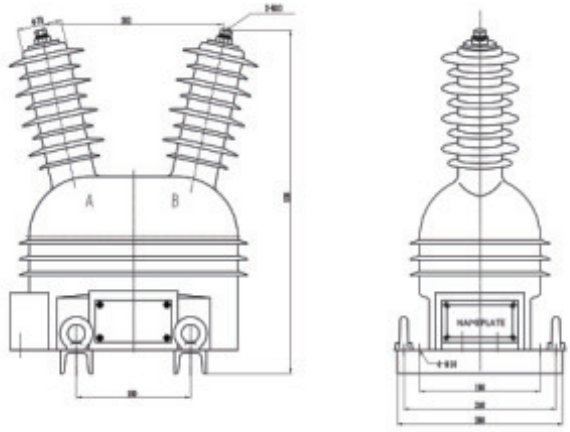
1. Weight:33KG & 38KG;
2. High quality silicon steel;
3. Primary with fuse protection;
4. Accuracy class: 0.2 0.5 1 3 3P 6P;
5. Material: Epoxy Resin & silicon rubber;
6. 3KV 6KV 10KV 11KV 12KV Outdoor using;
7. Surface creepage distance:740mm & 840mm;
8. Reasonable structure and robust construction;
9. Excellent short circuit and thermal withstand capabilities;
10. IEC60044-2, IEC 61869-1,3 & ANSI/IEEE C57.13 Standards;
11. Secondary voltage (KV): 0.1, 0.12, 0.22, 0.24, or with /√3;
12. Convenient installation, suitable for installation in any location;
13. Rated voltage primary (KV): 12, 11, 10,6,3 and 10/√3 ,6/√3 ,3/√3;



Appliations

1. Rail way;
2. Power Meter;
3. Electric Power Bureau;
4. Coal Mine;
5. Power station;
6. Measuring instrument;
7. Power plant;
8. Oil, gas company;
9. MV Power Quality Analyzer;
10. Energy meter;
11. Distribution system;
12. Industrial and mining enterprises;

Outline drawing



Parameters

Technical parameters	
Standards	IEC60044-2; IEC 61869-1,3; ANSI/IEEE C57.13; GB20840-2013
Rated Voltage	12KV, 11KV, 10KV, 6KV, 3KV
Rated load	≤1000VA
Secondary voltage output	100V, 110V, 120V, 220V, 380V
Rated frequency	50Hz or 60Hz
Cosø	0.8 (lag)
Phase number	single phase
Class	0.2, 0.5, 1, 3, 3P, 6P
Rated insulation level	12/42/75KV, 7.2/32/60KV
With fuse	Yes, 0.5A
Using type	Outdoor
Application	Measurement and Protection
Class of pollution	IV
Mechanical parameters	
Material	Epoxy resin + silicone sleeve
Weight (kg)	38
Operating conditions	
Operating temperature	-40°C to +60°C
Daily average temp	<+40°C
Storage temperature	-50°C to +70°C
Altitude	<3000 meters
Condition	No existence of severely begrimed, erosive and radioactive gas in the air. Permission of long-term operation under rated current.

Technical Data

Model	Rated voltage radio(V)	Accuracy class and Rated secondary output(VA)	Limited output (VA)	Rated insulation level(KV)	Surface creepage distance (mm)	Primary fuse (A)	Weight (KG)
GFJDZW-3	3000/100	0.2---40 0.5---80 1---200 3---300	1000	3.6/23/40	740	0.5	38
GFJDZW-6	6000/100			7.2/32/60			
GFJDZW-10	10000/100			12/42/75		0.2	
	10000/220	0.2---40 0.5---80 1---200 3---600					
	10000/100/100	0.2/0.2---2S/2S 0.2/0.5---2S/2S 0.5/0.5---40/40	500/500				
	10000/100/200	0.2/3---40/300 0.2/3---80/300	500/800				
GFJDZXW-3G	3000/√3 /100/√3/ 100/√3	0.2/6P(3P)---20/100 0.5/6P(3P)---50/100 1/6P(3P)---150/100 3/6P(3P)---250/100	600	3.6/23/40		0.5	
GFJDZXW-6G	6000/√3 /100/√3 /100/√3			7.2/32/60			
GFJDZXW-10G	10000/√3 /100/√3 /100/√3			12/42/75		0.2	
	10000/√3 100/√3 100/√3 100/√3	0.2/0.2/6P(3P)---15/15/100 0.2/0.5/6P(3P)---15/15/100 0.5/0.5/6P(3P)---40/40/100	300/300				
GFJDZW2-3	3000/100	0.2---20 0.5---50 1---80 3---150	400	3.6/23/40	820	0.5	33
GFJDZW2-6	6000/100			7.2/32/60			
GFJDZW2-10	10000/100			12/42/75		0.2	
	10000/220						
	10000/100/100	0.2/0.2---10/10 0.2/0.5---10/15 0.5/0.5---25/25	200/200				
	10000/100/220	0.2/3---20/150 0.5/3---50/150 1/3---80/150	200/350				