GFJDZ0929-10

11KV HIGH ACCURACY DRY TYPE INTRUMENT POTENTIAL TRANSFORMER

GFJDZ0929-10 12KV High Accuracy potential transformers are designed for 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.

For insulation and protection, the assembly is cast in hydrophobic cycloaliphatic epoxy (HCEP) using automatic vacuum pressure. The HCEP material offers superior arc track, ozone, and ultraviolet-resistive properties while maintaining physical strength. The hydrophobic surface properties of HCEP ensure highly reliable performance in wet, humid, or polluted environments.

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). Strictly Comply IEC60044-2; IEC 61869-1,3; ANSI/IEEE C57.13

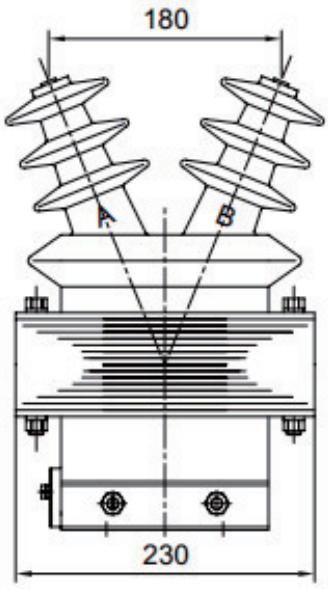
Features

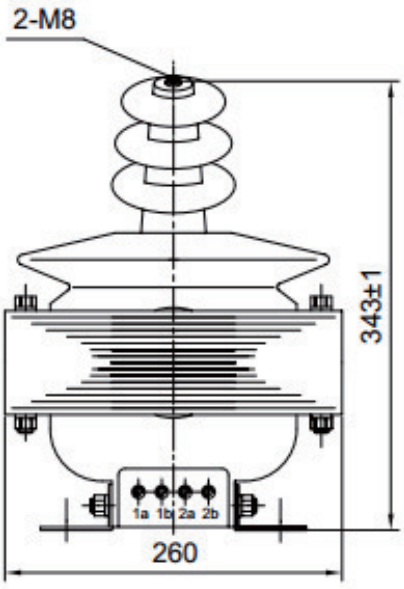
1. Weight:28KG;
2. Using Life: 20 years;
3. Material:Epoxy (HCEP);
4. Rated voltages up to 12 kV;
5. 12KV 11KV 10KV 6KV indoor;
6. Accuracy class: 0.2 0.5, 1, 3P, 6P;
7. Limiting Therminal Output(VA): 400VA;
8. Rated voltage primary (KV): 12/11/10/6;
9. Rated basic insulation levels (BIL) up to 75 kV;
10. Reasonable structure and robust construction;
11. Excellent short circuit and thermal withstand capabilities;
12. IEC60044-2, IEC 61869-1,3 & ANSI/IEEE C57.13 Standards;
13. Seconday voltage output: (KV) 0.1,0.11, 0.12, 0.22, 0.24, 0.38;

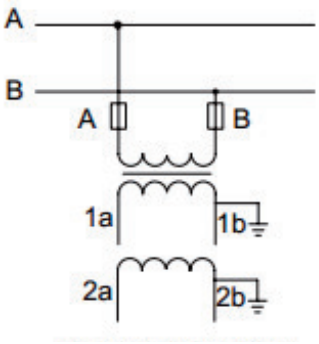
Appliations

1. Rail way;
2. Coal Mine;
3. Power Plant;
4. Power Meter;
5. Power station;
6. MV switchgears;
7. Oil, gas company;
8. Distribution system;
9. Air insulation cabinet;
10. Electric Power Bureau;
11. MV Power Quality Analyzer;
12. Industrial and mining enterprises;

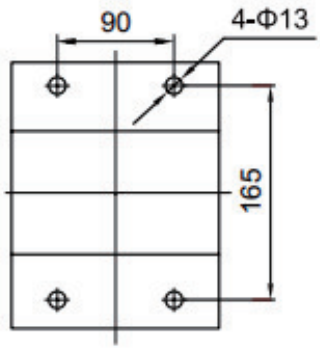
Outline drawing

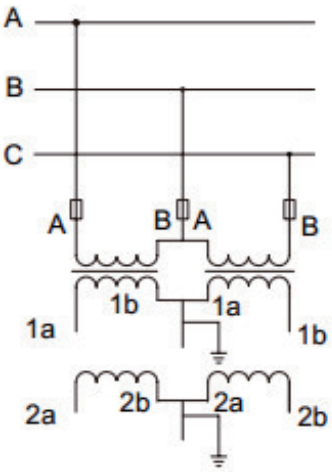






1P wiring diagram





3P wiring diagram

Parameters

Technical parameters	
Standards	IEC60044-2; IEC 61869-1,3; ANSI/IEEE C57.13; GB20840-1,3
Rated Voltage	12KV, 11KV, 10KV, 6KV
Rated load	≤200VA
Secondary voltage output	100V, 110V, 120V, 220V, 380V
Rated frequency	50Hz or 60Hz
Cosø	0.8 (lag)
Phase number	Single
Class	0.2, 0.5, 1, 3, 3P, 6P
Rated insulation level	12/42/75KV, 7.2/32/60KV
Using type	Indoor
Application	Measurement and Protection
Class of pollution	II
Mechanical parameters	
Material	Epoxy resin
Weight (kg)	28
Operating conditions	
Operating temperature	-25°C to +55°C
Daily average temp	<+40°C
Storage temperature	-40°C to +70°C
Altitude	<1000 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 Ratio(KV)	Accuracy class combination	Rated Output (VA)	Limiting Therminal Output(VA)
GFJDZ0929-12	12/0.12/0.12	0.2/0.2 0.2/0.5 0.5/0.5	20/20 20/20 25/25	400
GFJDZ0929-11	11/0.11/0.11			
GFJDZ0929-10	10/0.1/0.1			
GFJDZ0929-6	6/0.1/0.1			