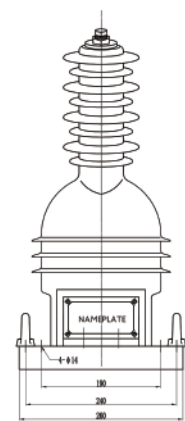
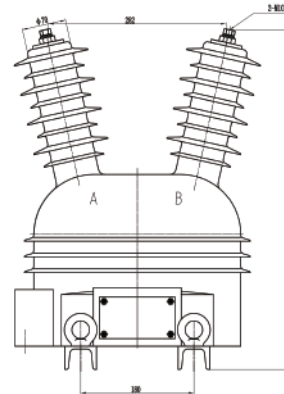


JDZW-3,6,10RG

Epoxy resin silicon rubber Outdoor voltage transformer

Outdoor voltage transformer of the type JDZW-10 is single phase and epoxy resin silicon rubber insulated product, it's used for metering electric energy, voltage control and relay protection in 50/60HZ rated voltage less than 12kV electric system.

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 °C), high altitude, high humidity, high pollution or salt). This model JDZW-10 outdoor voltage transformer is also as voltage source to supply 220V voltage.



Parameters

| Technical parameters | |
|--------------------------|---------------------------------------------|
| Standards | IEC60044-2; IEC 61869-1,3; ANSI/IEEE C57.13 |
| Rated Voltage | 10KV, 6KV, 3KV |
| Rated load | ≤1000VA |
| Secondary voltage output | 100V, 110V, 120V, 220V, 380V |
| Rated frequency | 50Hz or 60Hz |
| Cos∅ | 0.8 (lag) |
| Phase number | single phase |
| Class | 0.2, 0.5, 1, 3 |
| Rated insulation level | 12/42/75KV, 7.2/32/60KV |
| With fuse | Yes, 0.5A |
| Using type | Outdoor |
| Class of pollution | IV |
| Mechanical parameters | |
| Material | Epoxy resin |
| Weight (kg) | 38 |

Operating conditions

| | |
|-----------------------|----------------|
| Operating temperature | -40°C to +60°C |
| Daily average temp | <+40°C |
| Storage temperature | -50°C to +70°C |

Operating conditions-continued

| | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------|
| Altitude | <1000 meters |
| Condition | No existence of severely begrimed, erosive and radioactive gas in the air. Permission of long-term operation under rated current. |

Selection guide

| Model | Rated voltage ratio(V) | Accuracy class and Accuracy class combination rated secondary output(VA) | Limited output (VA) | Rated insulation level(KV) | Surface creepage distance (mm) | Once fuse (A) | Wt (KG) |
|-----------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------|---------|
| JDZW-3 | 3000/100 | 0.2---40 | 1000 | 3.6/23/40 | 740 | 0.5 | 38 |
| JDZW-6 | 6000/100 | 0.5---80 | | 7.2/32/60 | | | |
| JDZW-10 | 10000/100 | 1---200 3---300 | 500/500 | 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 | 500/800 | | | | |
| | 10000/100/200 | 0.2/3---40/300 0.2/3---80/300 | 500/800 | | | | |
| JDZXW-3G | $\frac{3000}{\sqrt{3}} \frac{100}{\sqrt{3}} \frac{100}{\sqrt{3}}$ | 0.2/6P(3P)---20/100 | 600 | 3.6/23/40 | | 0.5 | |
| JDZXW-6G | $\frac{6000}{\sqrt{3}} \frac{100}{\sqrt{3}} \frac{100}{\sqrt{3}}$ | 0.5/6P(3P)---50/100 1/6P(3P)---150/100 | | 7.2/32/60 | | | |
| JDZXW-10G | $\frac{10000}{\sqrt{3}} \frac{100}{\sqrt{3}} \frac{100}{\sqrt{3}}$ | 3/6P(3P)---250/100 | 300/300 | 12/42/75 | | | |
| | $\frac{10000}{\sqrt{3}} \frac{100}{\sqrt{3}} \frac{100}{\sqrt{3}} \frac{100}{\sqrt{3}}$ | 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 | | | | | |

| Model | Rated voltage ratio(V) | Accuracy class and Accuracy class combination rated secondary output(VA) | Limited output (VA) | Rated insulation level(KV) | Surface creepage distance (mm) | Once fuse (A) | Wt (KG) |
|----------|------------------------|--------------------------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------|---------|
| JDZW2-3 | 3000/100 | 0.2---20 0.5---50 1---80 3---150 | 400 | 3.6/23/40 | 820 | 0.5 | 33 |
| JDZW2-6 | 6000/100 | | | 7.2/32/60 | | | |
| JDZW2-10 | 10000/100 | | | 200/200 | | 12/42/75 | |
| | 10000/220 | | | | | | |
| | 10000/100/100 | 200/350 | | | | | |
| | 10000/100/220 | 0.2/3---20/150 0.5/3---50/150 1/3---80/150 | | | | | |