

户内 单相 环氧树脂浇注式
INDOOR SINGLE-PHASE EPOXY RESIN CASTING TYPE

技术参数 Technical data

- 产品性能符合标准 GB1207和IEC60044-2
The current transformers are in accordance with GB1207 and IEC60044-2 standards
- 污秽等级：II级；
Pollution class: class II;
- 额定绝缘水平 40.5/95/185kV
Rated insulation level 40.5/95/185kV
- 负荷功率因数： $\cos \phi = 0.8$ (滞后)；
Load power factor: $\cos \phi = 0.8$ (lag);
- 额定频率50Hz或60Hz
Rated frequency 50Hz or 60Hz
- 本型互感器的连接组标号为1/1/1-12-12，三台单相绕组电压互感器连接组为YO/YO/ Δ -12-11(剩余电压绕组接成开口三角)；
Of the transformer connected group labeled 1/1/1-12-12, three single-phase winding voltage transformer connection group for the YO/YO/ Δ -12-11 (residual voltage winding is connected to open triangle);
- 其它技术参数见下表：
Other technical parameters are as follows:



额定电压比 Rated voltage ratio (kV)	额定二次输出 Rated secondary output(VA)							极限输出 Max.output (VA)	额定绝缘水平 Rated insula- tion level (kV)	接线图 Wiring diagram
	0.2	0.5	1级	3级	0.2/0.2 0.2/0.5	0.5/0.5	6P(3P)			
$\frac{35000}{\sqrt{3}} / \frac{100}{\sqrt{3}} / \frac{100}{3}$	120	300	500	800	/	/	150	1000	40.5/95/200	图1 Figure1
$\frac{35000}{\sqrt{3}} / \frac{100}{\sqrt{3}} / \frac{100}{\sqrt{3}} / \frac{100}{3}$	/	/	/	/	$\frac{60}{60}$ $\frac{75}{75}$	150/150	150	500/500		图2 Figure2

概述 Description

本型系列电压互感器采用环氧树脂浇注成形。为支柱式全封闭结构。适用于额定频率为50Hz或60Hz额定电压为35kV户内装置的电力系统中，连接在相与地间做电能测量和继电保护用，二次测量绕组输出电压为 $100/\sqrt{3}$ V，供电能测量，三台本产品的剩余电压绕组接成开口三角形。用作接地保护。当互感器在额定电压下励磁时，能承受1秒外部短路而无损伤。

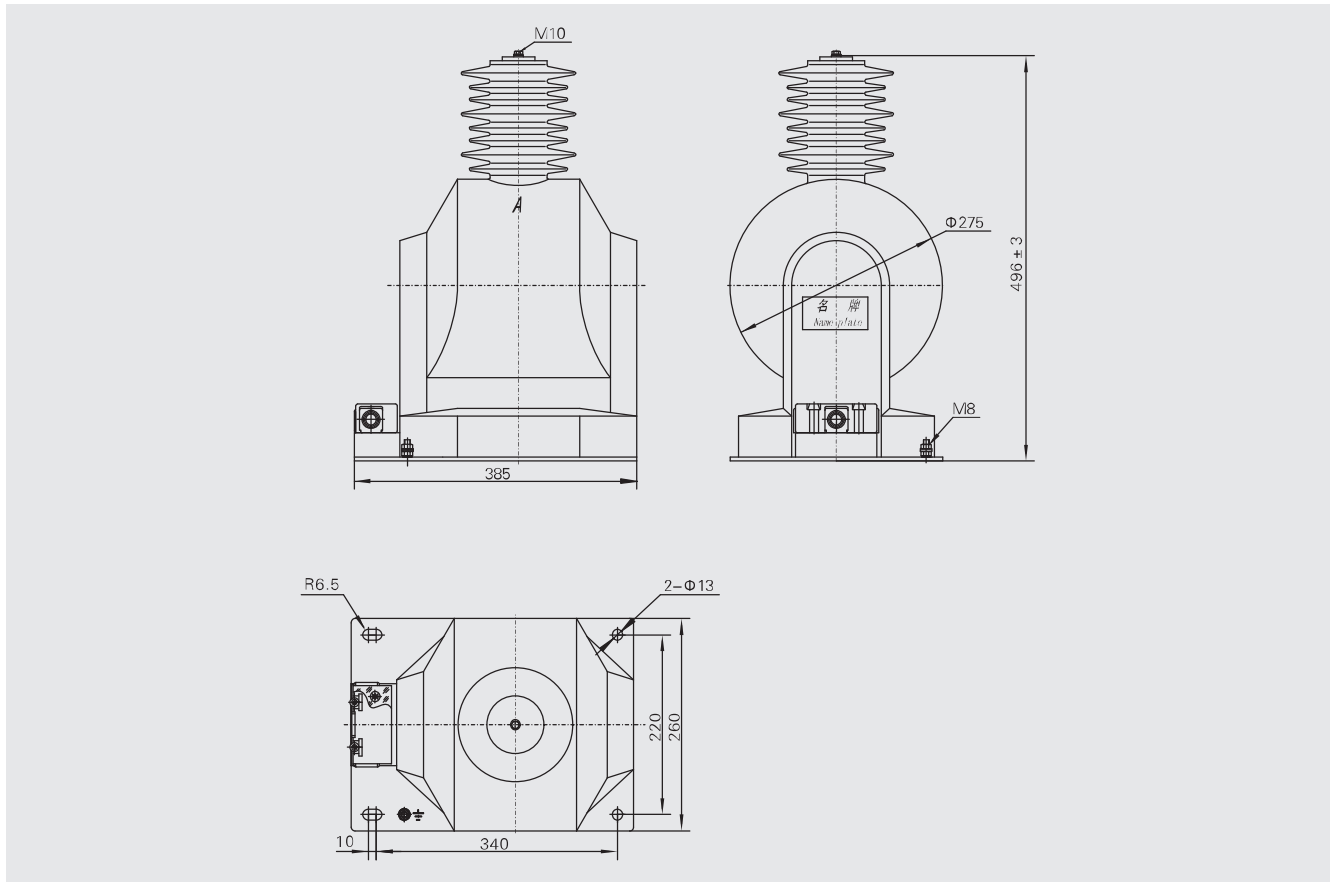
Of the series voltage transformer forming epoxy resin cast. Strut fully enclosed structure. Rated frequency of 50Hz or 60Hz, rated voltage of the power system of 35kV indoor installations, the connection between phase and earth energy measurement and relay protection, secondary measuring winding output voltage of $100/\sqrt{3}$ V, the power supply can be measured residual voltage winding of the three products access into the open triangle. Used as a ground fault protection. When the transformer rated voltage excitation. Able to withstand one second external short circuit without damage.

结构特点 Characteristic of structure

本型电压互感器为支柱式结构，采用环氧树脂全封闭浇注。耐污秽及潮湿，也适宜于热带地区使用，互感器不需要特别维护，只需定期地清除表面污物，由于互感器采用全封闭浇注绝缘，尺寸小、重量轻、适宜于任何位置、方向安装。二次出线端子处安装有接线端子盒，盒上有三个出线端子孔，可从不同方向引出二次线。接线方便，安全可靠，并能实现防窃电措施。

Voltage transformer of this type of pillar structure, the use of epoxy pouring full closed. Resistant dirty and wet. Also suitable for use in tropical areas, the transformer does not require special maintenance, just on a regular basis to remove surface dirt, pouring insulation fully enclosed, small size, light weight, suitable for any location, direction of installation due to the transformer. Secondary outlet terminals installed at the terminal box, box has three outlet terminals holes from different directions leads to the second line. Convenient. safe and reliable connection, and anti-theft measures.

外形及安装尺寸 Overall dimension drawing



接线图 Wiring diagram

