

户外 单相 环氧树脂浇注式  
OUTDOOR SINGLE-PHASE EPOXY RESIN CASTING TYPE

技术参数 Technical data

- 产品性能符合标准 GB1207、IEC60044-2和DL/T653-1998  
《电压并联电容器用放电线圈订货技术条件》；  
The current transformers are in accordance with GB1207、IEC60044-2 standards and DL/T653-1998《Specification of discharge coils for high voltage parallel connection capacitor for order》 standards;
- 额定绝缘水平 12/42/75kV、7.2/32/60kV  
Rated insulation level 12/42/75kV、7.2/32/60kV
- 额定频率50Hz或60Hz  
Rated frequency 50Hz or 60Hz
- 负荷的功率因数：COS $\phi$ =0.8(滞后)；  
Load power factor: COS $\phi$ =0.8(lagging);
- 表面爬电距离：大于530mm；  
The surface creepage distance: More than 530mm;
- 技术参数见下表：  
Other technical data see following table:



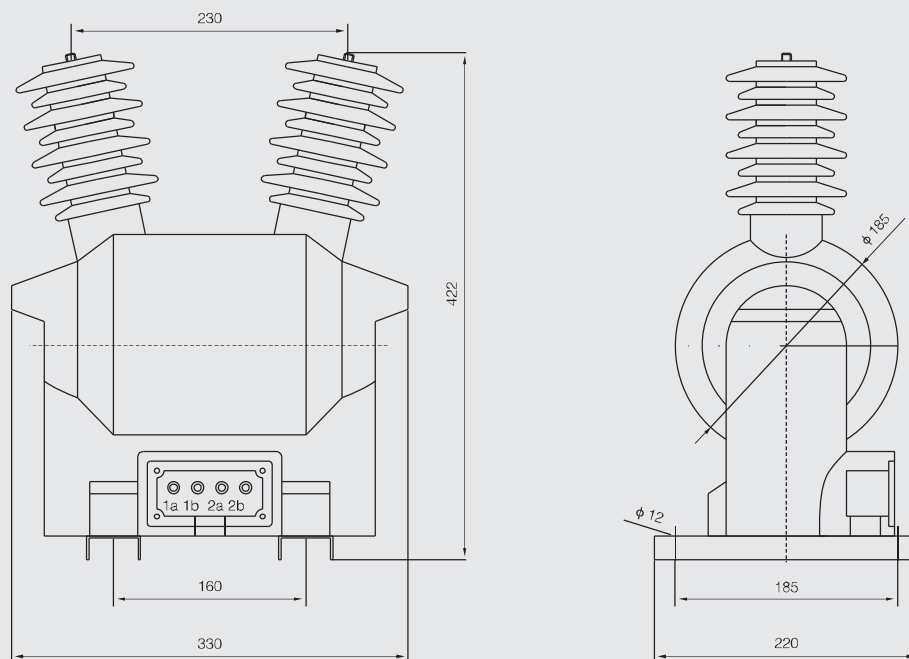
型号 Type	额定电压比 Rated voltage ratio (kV)	准确级及额定二次输出 Accuracy class and rated secondary output(VA)				放电容量 Discharge capacity (Mvar)	额定绝缘水平 Rated insulation level (kV)
		0.2	0.5	1级	6P		
FDGE10/6.6/ $\sqrt{3}$ -(1.7-3.4)-1W	6.6/ $\sqrt{3}$ /0.1/ $\sqrt{3}$ /0.1/3	20	50	100	100	1.7-3.4	7.2/32/60
FDGE10/7.2/ $\sqrt{3}$ -(1.7-3.4)-1W	7.2/ $\sqrt{3}$ /0.1/ $\sqrt{3}$ /0.1/3						
FDGE10/11/ $\sqrt{3}$ -(1.7-3.4)-1W	11/ $\sqrt{3}$ /0.1/ $\sqrt{3}$ /0.1/3						
FDGE10/12/ $\sqrt{3}$ -(1.7-3.4)-1W	12/ $\sqrt{3}$ /0.1/ $\sqrt{3}$ /0.1/3						12/42/75

概述 Description

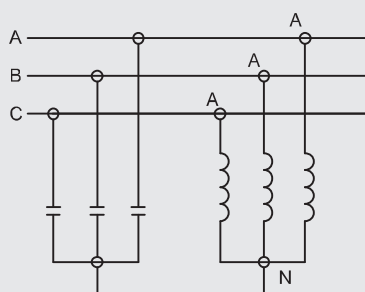
本型放电线圈为户外环氧树脂浇注全封闭型产品，其适用于额定频率50Hz,额定电压10kV及以下的电力系统中。与高压并联电容器组并联连接，当电容器组与系统断开后，可在5s内将电容器组上的剩余电压降至安全电压。在正常运行时，二次绕组可以做电压指示，用户如有特殊要求时，亦可带剩余电压绕组，起到继电保护作用。

This type of discharge coil is of outdoor epoxy resin casting full-sealed product. It is applicable to be used for the power system with AC frequency 50Hz and rated voltage 10kV and below. It is connected with high voltage parallel connection capacitor group. When capacitor group cuts off from the system, it can take only five second to reduce the residual voltage of the capacitor group to safe voltage. When operating is normal. The secondary winding is used as voltage indicator. If users have special requirements, it can have relay protection action with residual voltage winding.

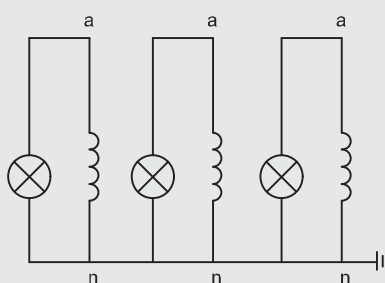
## 外形及安装尺寸 Overall dimension drawing



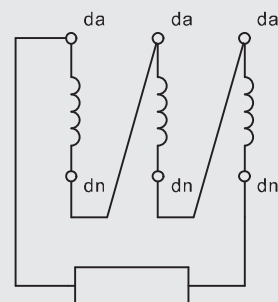
## 与电容器(组)连接方式 Way of connection with capacitor (bank)



一次绕组连接  
Primary winding Connection



二次绕组连接  
Secondary winding Connection



电压继电器  
Voltage relay