Product Overview

The YBD-12 series landscape buried box transformer mainly consists of two parts: an underground transformer (including a prefabricated pit) installed underground and an outdoor advertising light box type high and low voltage switchgear installed on the ground. Among them, underground transformers are a new type of distribution transformer with high-voltage fuse protection that can operate submerged in water for a period of time. They have been widely used in airports, highways, bridges, tunnels and other places in China; The interior of the outdoor light box type high and low voltage switchgear is an outdoor high and low voltage distribution cabinet, and the outer side of the box is an advertising light box. The content of advertising posters can be designed according to the surrounding environment and user requirements. The entire product has a small footprint, is aesthetically

pleasing, and not only highly coordinated with the surrounding environment, but also serves as an advertisement **Product Model Description**

产品型号说明

| Υ | В | D | - | | - | / | |
|----|-----|-----|---|-----|-----|---|-----|
| 1) | (2) | (3) | | (4) | (5) | | (6) |

| 1 | 预装式 |
|-----|---------------|
| 2 | 变电站 |
| 3 | 地下式 |
| 4 | 变压器额定容量 (kVA) |
| (5) | 高压侧额定电压 (kV) |
| 6 | 低压侧额定电压 (kV) |

Usage conditions

Altitude: not exceeding 1000m

Environmental temperature: maximum temperature+50 °C, minimum temperature -25 °C

Relative humidity: daily average not exceeding 95%; Monthly average not exceeding 90%

The installation slope should not exceed 3 degrees, and there should be no frequent severe vibration or impact in the area The surrounding air is not significantly polluted by explosive, corrosive, or flammable gases

Note: If ordering this product exceeds the above conditions, please consult with our company **Technical Parameter**

Rated voltage level: 35kV and 10kV and below a frequency: 50Hz · insulation level (see table below)

技术参数

频耐电压

联结级别

阻抗电压

防护等级

损耗

雷电冲击电压

kV 高压单元额定电压 10 额定频率 Hz 50 额定电流 Α 630 1min 工频耐受电压 (对地和相间/隔离断口) kV 42/48 kV 高压开关单元 雷电冲击电压 75/85 kA/2s 20 额定短时耐受电流 kΑ 额定峰值耐受电流 50 IP67 防护等级 kV 0.4 低压单元额定电压 主回路额定电流 50~3200 额定短时耐受电流 kA/1s 30 低压开关单元 kΑ 63 额定峰值耐受电流 分支回路路数 0~32 Way 防护等级 IP34 kV 变压器单元额定电压 10 kVA 30~1600 额定容量

kV

kV

Dyn11

4%/4.5%

S11

IP68

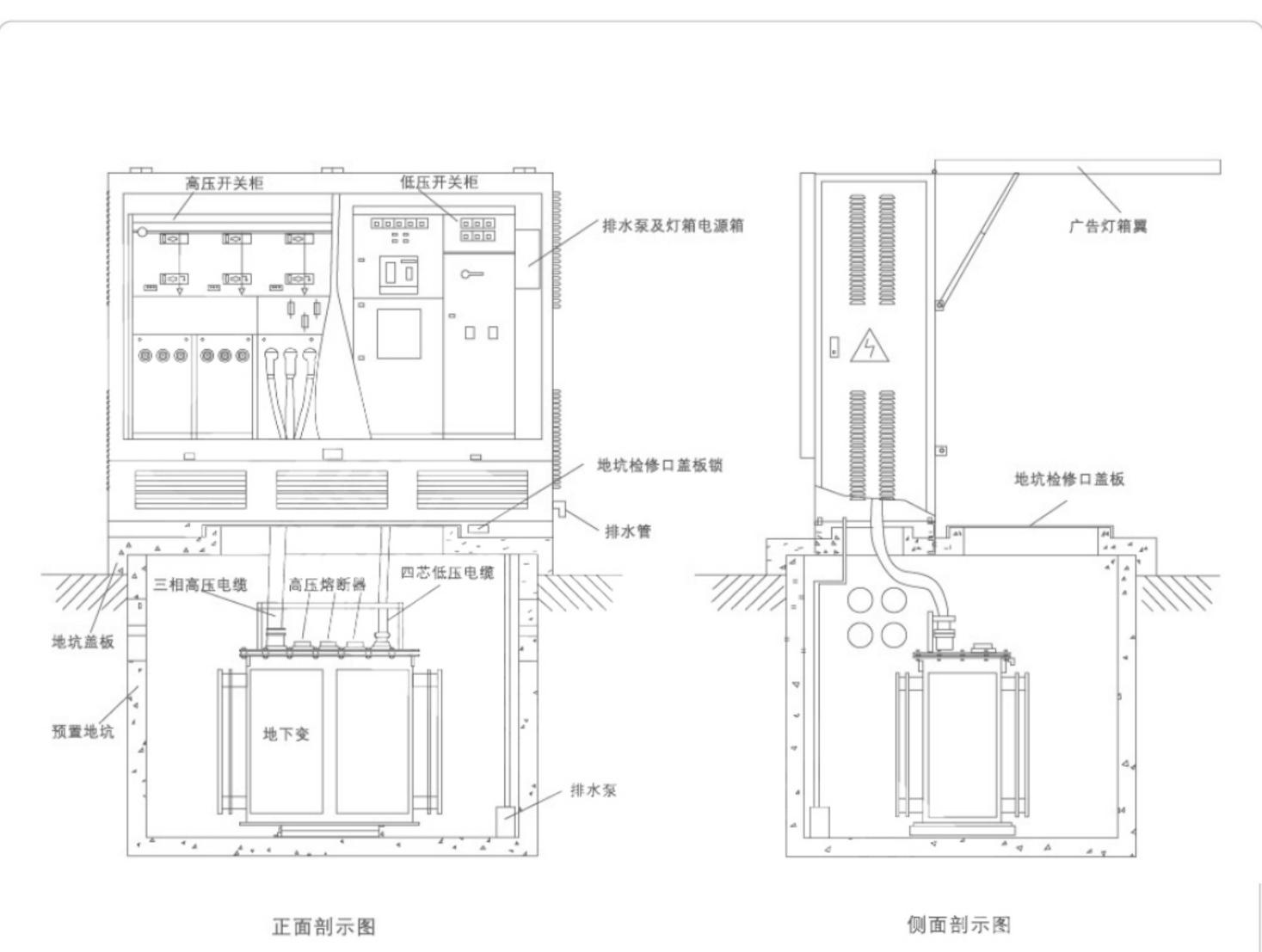
35

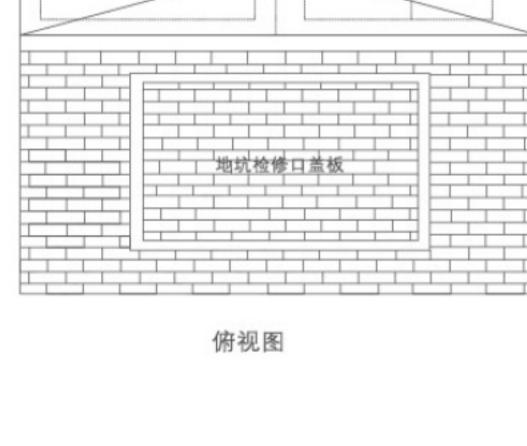
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Drawing

地下式变压器

安装示意图





低压开关柜

地下式变压器

高压开关柜

高压进线

预置式地坑组成。 ¤ 灯箱式户外高/低压开关柜为双门式设计,即使灯箱遭

注:

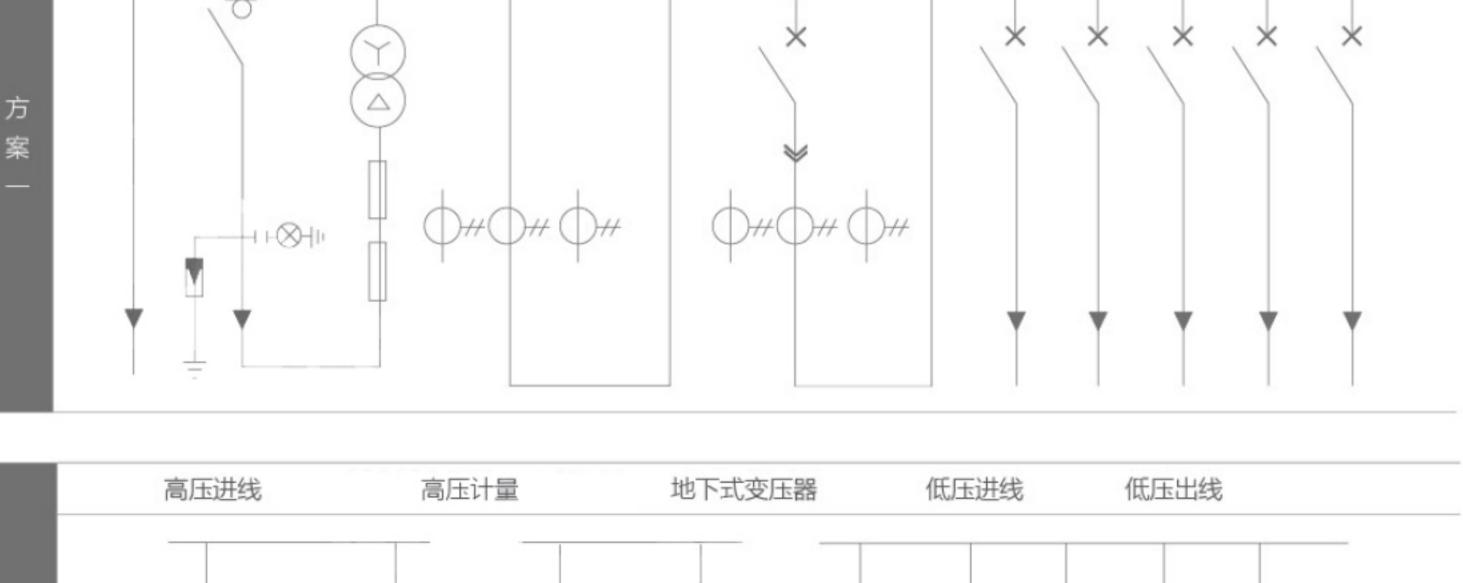
受破坏后高低压设备仍然有独立的外壳防护。 ¤ 预置式地坑为全密封防水式设计; 地坑盖上铺高装饰

¤ 本产品由地下式变压器、灯箱式户外高/低压开关柜和

- 地砖,并设置带锁的检修孔盖板。 ¤ 地下式变压器的高压侧和低压侧均采取三相电缆同时
 - 插拔的连接方式,密封性能达到 IP68 水平,可长时间 浸入水中运行。

低压出线

低压进线



低压计量

