

Ignition transformer



Specifications for high energy ignition system - ignition transformer

The function of the ignition system is to ignite the mixture of air and fuel. Its main components are: ignition transformer, high-voltage ignition wire, ignition rod.

Ignition transformer is also known as high-voltage ignition transformer, high-voltage package, ignition package. Epoxy resin seal is made of imported high-quality and high-strength enameled wire, with the characteristics of high insulation, strong ignition ability, cold resistance, moisture resistance, high temperature resistance, durability, fierce firepower, reliable technology and convenient installation. It is suitable for industrial burners, power plants, coking plants and other petrochemical industries, mostly used for control cabinet and field installation, suitable for fuels: gas, light oil, heavy oil, low calorific value gas (liquefied gasoline, liquefied diesel, natural gas, coal gas, methane etc.). The ignition transformer can be designed to different type according to the actual situation, such as explosion-proof type (explosion-proof grade: BT4/CT4), rechargeable type, remote control type, high-energy type, energy adjustable type, pulse type, low nitrogen type and so on.

Technical parameters:

1. Input voltage: 220VAC±10% ≤1.8A/1.5A/1.2A/0.7A;
2. Output voltage: customized 2-20KV ≥100mA;
3. Arc frequency: 100HZ;
4. Ambient temperature: -10-50°C
5. Protection grade: IP55/65/68
6. Properties: dual/single electrode ignition
7. Ignition distance: 0-30mm
8. 3-minute ignition efficiency: ≥50%
9. Working method: intermittent work
10. Three-wire system: brown wire connected to FireWire, blue wire connected to zero line, the two-color wire connects to ground wire
11. Primary voltage: 220V.

