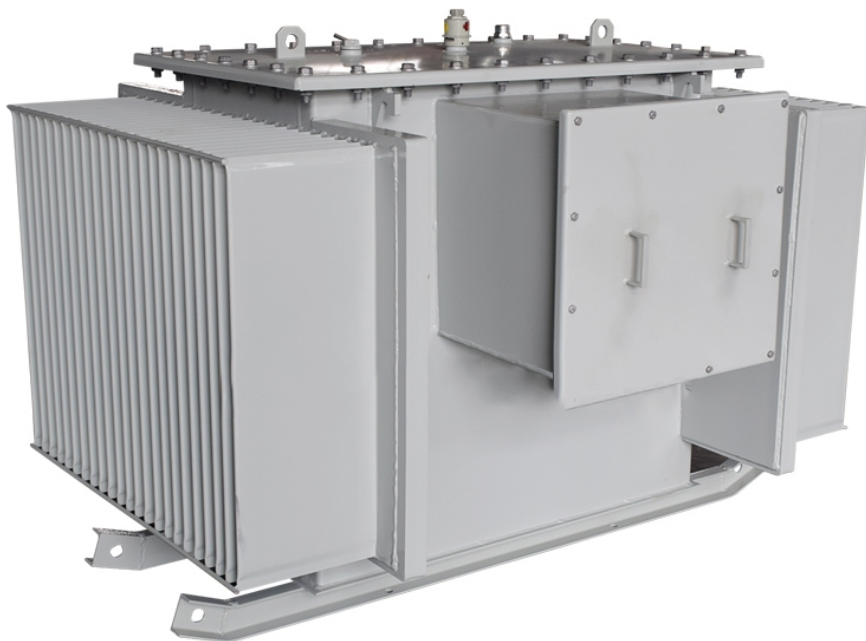




KS11系列无励磁调压矿用一般型油浸式电力变压器

SERIES NON-EXCITATION VOLTAGE REGULATING MINE GENERAL OIL-IMMERSED POWER TRANSFORMER

产品特点 Product Features

- 产品具有高效率、低损耗、低噪音特点；
 - 内部散热好、抗短路能力强、安全性能高；
 - 空、负载损耗低；
 - 运行可靠，寿命长、免维护。
- Product Has High Efficiency, Low Loss, Low Noise Characters;
 - Good Inside Heat Emission, High Anti Short Circuit, Safe And Reliable;
 - Empty, Load Loss Is Low;
 - Reliable, long service life, free maintenance.

产品概述 PRODUCT OVERVIEW

KS11系列矿用变压器适用于煤矿井下中央变电所、井底车场、总进风道和主要进风道，虽有煤尘、瓦斯但无爆炸危险的场所。也适用于隧道比较潮湿的环境中。

该系列变压器铁心选用优质低损耗晶粒取向硅钢片制作而成,空载损耗低、空载电流小、噪音低。

KS9 series mine transformers are suitable for underground coal mine central substations, underground car yards, general air inlets and main air inlets, and places where there is no risk of explosion despite coal dust and gas. It is also suitable for the humid environment of the tunnel.

This series of transformer cores are made of high-quality low-loss grain-oriented silicon steel sheet, with low no-load loss, low no-load current and low noise.

变压器产品标准 TRANSFORMER STANDARDS

JB3955-2016

GB 1094.1-2013

GB 10942.2-2013

GB 1094.3-2017

GB 1094.5-2008

使用环境及工作条件 USE ENVIRONMENT AND WORKING CONDITIONS

1.安装高度不超过海拔1000m (通常时间), 特殊环境另作说明;

2.周围环境温度不高于40℃:

3.周围空气相对湿度不大于95% (25℃时);

4.无强烈颠簸、震动以及与垂直面的倾斜度不超过15度的环境中。

1. The installation height does not exceed 1000m above sea level (usual time), special environment will be explained separately;

2. The ambient temperature is not higher than 40°C;

3. The relative humidity of the surrounding air is not more than 95% (at 25°C);

4. In an environment where there is no strong bumps, vibrations and the inclination of the vertical plane does not exceed 15 degrees.

变压器型号说明 TRANSFORMER MODEL DESCRIPTION

K S 11-□ / □

额定电压等级(kV) Rated voltage level (kV)

额定容量(kVA) Rated capacity (kVA)

性能水平代号 Performance level code

三相 Three-phase

矿用 Mine

KS11系列无励磁调呀矿用一般型油浸式电力变压器

KS11 SERIES NON-EXCITATION ADJUSTABLE MINE GENERAL OIL-IMMERSED POWER TRANSFORMER

额定容量 Rated Capacity (kVA)	电压组合 Voltage combination (kV)	联结方式 Connection method	阻抗电压 Impedance voltage (%)	损耗(kW) Loss (kW)		空载电流 No-load current (%)	重量Weight (T)			外形尺寸Dimensions (mm) 长(L) × 宽(B) × 高(H)	轨距纵向/横向 Gauge longitudinal /horizontal
				空载 No load	负载 load		器身重 Body weight	油重 Oil weight	总重 Gross weight		
50	高压 10 6 低压 0.693/0.4	Yyn 或 Yd11	4	0.17	0.87	2.0	0.248	0.110	0.410	1240×830×1050	660/630
80				0.25	1.25	1.8	0.335	0.130	0.570	1260×830×1050	
100				0.29	1.50	1.6	0.360	0.140	0.610	1280×850×1150	
160				0.40	2.20	1.4	0.505	0.190	0.790	1355×860×1200	
200				0.48	2.60	1.3	0.585	0.210	1.050	1380×860×1250	
250				0.56	3.05	1.2	0.715	0.235	1.150	1440×890×1300	
315				0.67	3.65	1.1	0.820	0.255	1.270	1635×1020×1350	
400				0.80	4.30	1.0	0.980	0.290	1.580	1720×1070×1450	
500				0.96	5.10	1.0	1.155	0.335	1.790	1760×1080×1500	
630			4.5	1.20	6.20	0.9	1.430	0.440	2.200	1890×1120×1600	600/790
800				1.40	7.50	0.9	1.860	0.530	2.850	1970×1170×1700	
1000				1.70	10.30	0.7	2.035	0.610	3.430	2500×1300×1700	

注:根据要求可提供±5%或+2x 2.5%调压范围的变压器

Note: According to requirements, transformers with ±5% or +2x 2.5% voltage regulation range can be provided