

## 10KV POLE MOUNTED INTELLIGENT COMBINED TRANSFORMER

### Product overview



The pole mounted intelligent combined transformer is a new generation of intelligent distribution products independently developed by People Electric Group and with independent intellectual property rights. The product is composed of low loss and energy saving transformer, intelligent column transformer control cabinet, metering box and monitoring equipment. The product is installed on the outdoor transformer rack, which is a new replacement of the traditional transformer and JP cabinet.

The promotion and application of the transformer can simplify the installation process of the equipment, save the installation time and space of the equipment, improve the safety performance of the equipment, reduce the operation energy consumption of the equipment and save the investment of the equipment. At the same time, it has the function of effectively preventing the theft of the equipment and the behavior of stealing electricity. It has the advantages of convenient installation, operation and maintenance, intelligent protection and monitoring, intelligent reactive power compensation, etc. The product performance has reached the domestic advanced level.

### Main technical parameters

Serial number	Items	Units	Technical parameters
1	Primary voltage rating	kV	6~10
2	Secondary voltage rating	kV	0.4
3	Maximum operating voltage	kV	12
4	Rated frequency	Hz	50
5	Rated capacity	kVA	100~400
6	1 minute power frequency withstand voltage	kV	35
7	Lightning shock withstand voltage	kV	75
8	Range of voltage regulation		$\pm 2 \times 2.5\%$ or $\pm 5\%$
9	Short circuit impedance	%	4
10	Connecting Groups		Dyn11 or Yno
12	In and out mode		Cable or overhead line
13	Outgoing loop	loop	2-3
14	Reactive power compensation capacity		Transformer capacity
15	Method of compensation		Smart compensation
16	One side protection method		Fuse protection
17	One side protection method		Intelligent circuit breaker protection
18	Ambient temperature	°C	-20~+40
19	Conditions of Use		Outdoor style
20	Installation method		Cement pole double pole installation

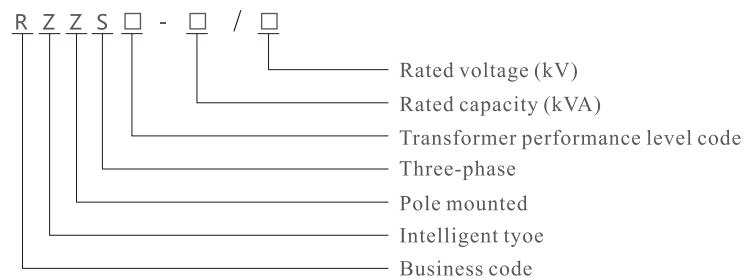
# BOX- TYPE SUBSTATION

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### Model meaning

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### Overall dimensions

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