

Series EVT/ZW32-10 Voltage Transformers

Series EVT/ZW32--10 voltage transformers is a new type of high voltage measurement and protection transformers, mainly matched with outdoor ZW32 vacuum circuit breaker. The transformers has powerful functions, the small signal output ,don't need secondary PT conversion, and can be directly connected to secondary equipment through A/D conversion, which meets the development of "digital, intelligent and networked" and "integrated automation system of substation".

Structural features: The voltage part of this series of transformers adopts capacitive or resistive voltage division, epoxy resin casting, and a silicone rubber sleeve

- Integrates current and voltage measurement and protection signal output, and directly outputs small voltage signals, simplifying the system structure and reducing error sources
- Don't contain iron core (or contains small iron core), will not saturate, wide frequency response range, large measurement range, good linearity, strong anti-interference ability, in the system fault state can make the protection device reliable operation.
- When the voltage output terminal is short-circuited for the second time, don't generate overcurrent, and have not ferromagnetic resonance, which eliminates the major fault hidden dangers in the operation of the power system and ensures the safety of personnel and equipment.
- Multiple functions, small size, light weight, low energy consumption, reduce ferromagnetic pollution

Product Detail:

1. Electrical ratings



Description

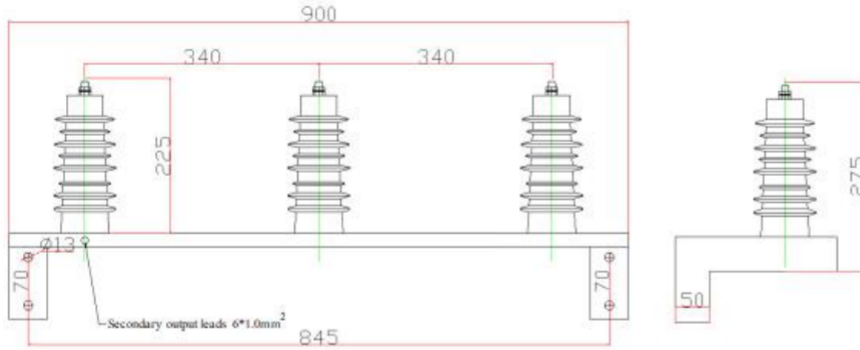
Rated maximum voltage [kV]	25.8	
Rated current [A]	630	
Operation	manual, automatic	
Frequency [Hz]	50 / 60	
Short time withstand current, 1sec [kA]	12.5	
Short circuit making current [kA peak]	32.5	
Basic impulse withstand voltage [kV crest]	150	
Power frequency withstand voltage, dry [kV]	60	
Power frequency withstand voltage, wet [kV]	50	
Control and operation function	RTU built- in or separate digital control	
Control	Operating voltage	110-220Vac / 24Vdc
	Ambient temperature	-25 to 70 °C
	Power frequency withstand voltage [kV]	2
	Basic impulse withstand voltage [kV crest]	6
International standard	IEC 62271-103	

* NOTE : 25.8kV Solid Load Break Switch Housing - Terminal / Mold - cone Type (Option)

2. Installation method

- Built-in transformer in circuit breakers and fix it regularly on the bracket
- The transformer is connected to an electronic instrument or protective device via a composite shielded cable, and the cable shield is grounded via grounding software or a metal mounting base

3. Dimensions in millimeters



4. Ordering Information

When ordering, please list the product model, main technical parameters (rated voltage, accurate level, rated secondary parameters) and quantity . if there are special requirements, please communicate with the company