

FZRN25-12D/T200-31.5

Indoor AC High Voltage Vacuum
Load Break Switch with Fuse



Overview

FZN25, FZRN25 plateau type vacuum load switch and combination electrical appliances, suitable for three-phase AC 50Hz ring network or terminal power supply and industrial electrical equipment, for load control and short circuit protection, load switch switching load, closed loop current, no-load transformer and cable charging current, combination electrical appliances can be broken up to any current rated short current, Direct acting isolation fracture and vacuum interrupter linkage are adopted. It has manual and electric functions.

FZN25, FZRN25 plateau type vacuum load switch and combined electrical appliances have high temperature resistant, strong insulation, and flame retardant transparent glass cover between the static contact and the moving guide torch, effectively ensuring the safe operation of equipment and personal safety. The load switch and ground switch are equipped with reliable mechanical interlocking, which not only ensures safety but also facilitates maintenance.

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Structural characteristics

The switch has a real sense of double fracture design, the overall installation than ZFN21 and other types of vacuum series switch has simple design, convenient installation, simple and efficient debugging, small size, low cost characteristics, to avoid other types of switch accessories, installation complex lock, debugging is not easy, has great cost-effective advantages. The switch can come with sensors and displays, which can save considerable material and manufacturing costs for users such as complete sets of companies, and has great market promotion value.

The switch with sensor and display series products are used in cable branch boxes, which can effectively save space and greatly reduce the volume of outdoor boxes. Greatly reduce the production cost.

Product characteristics

- Double fracture design in the true sense
- Small size, low cost
- Easy to operate
- High mechanical life
- Can come with sensor and display
- Low requirements on the environment
- Wall-hanging operation is optional
- Suitable for plateau products within 1000, 800m

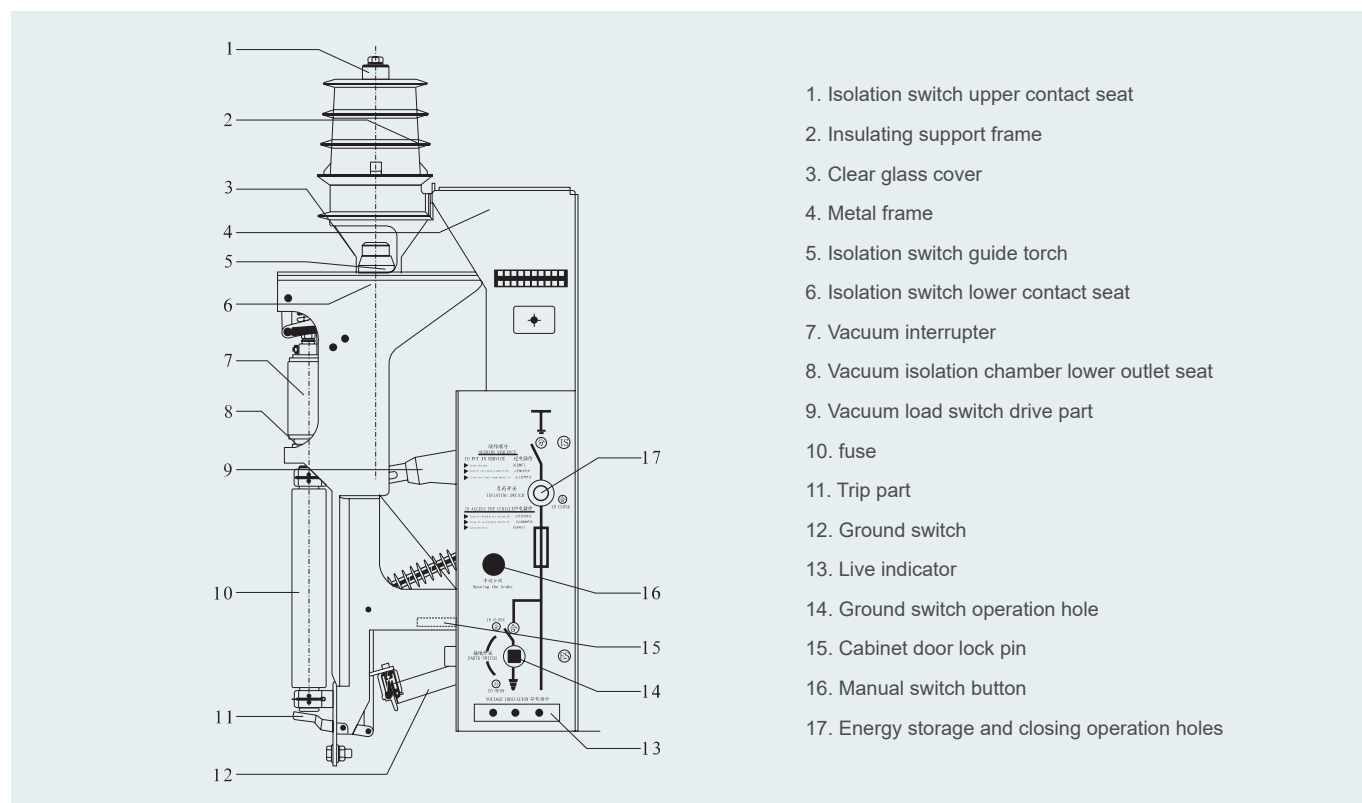
Main technical parameters

Item	Units	Argument	
		FZN25-15D(T630-20	FZRN25-15D/T200-31.5
Rated voltage	KV	15	15
Rated frequency	Hz	50	50
Rated current	A	630	200
Rated insulation level	1 min power frequency withstand voltage	Interrupter fracture 30; To the ground, phase 45; Isolation fracture 48	
	Lightning impulse withstand voltage	To the ground, phase 75; Isolation fracture 85	
Rated dynamic stability current (peak)	KA	50	-
4S heat stable current	KA	20	-
Rated active load current	A	630	-
Rated closed loop current	A	630	-
Rated cable charging breaking current	A	10	-
Disconnect no-load transformer capacity	KVA	1250	-
Rated short-circuit breaking current	KA	-	31.5
Rated transfer current, rated transfer current	A	-	3150
Type of fuse		-	SDLAJ-12 SFLAJ-12
The impactor outputs energy	J	-	2-5 (Medium)
Rated short-circuit closing current	KA		50
Rated dynamic and stable current of the ground switch	KA		50
Ground switch 2S heat stable current	KA		20
Rated voltage of auxiliary loop	V		220, 100
Mechanical life	time		10000

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Product structure diagram



Dimensions and mounting dimensions (mm)

