

High Voltage AC Load Breaker Switch



Model:FLN36-12

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Product Introduction

FLN36-12 type indoor high voltage AC load breaker switch refer to international new technology and develop the switching equipment in according to the relevant standards in China's electric power system. It's performance indicators in full compliance IEC420. 694.129 and national standards GB3804-2004"3.6k-0.5Kv high voltage AC load breaker switch" GB1985-2004" high voltage AC isolation switch and earthing switch" GB/ T1 1022-1999" common technical requirements for high-voltage switchgear and control equipment standards" . This is the main switching element RMU. The load breaker switch is a multifunctional medium voltage switchgear of gates, sub-gate. earthing. in a fully sealed with strengthen the structure of the epoxy resin housing to filled with SF6 gas,0.05MPa, with the minimum parts to achieve the above three functions. to ensure product quality, improve reliability, maintenance-free can be safely run for more than 20 years in normal conditions.

High Voltage AC Load Breaker Switch Operating conditions

Environment condition

1. The altitude: under 1000M.
2. The ambient temperature: -25°C-+40°C
3. The relative humidity of air: monthlys90%, dailys95%.
4. Amplitude: Earthquake degree 8.
5. Application occasions should free from fire, inflammables, explosives, corrosives and severe vibration.

Products features

1. Load breaker switch adapts double fracture, rotary movable contact structure, with the following three kinds of operating states. Closing, opening, earthing.
2. Using SF6 gas as an arc extinguishing and insulating medium, the main circuit seals by the upper and lower housing pouring epoxy resin the conductive function is unaffected by external influences.

3 .Good safety performance. If internal arcing occurs. the housing has an internal structure weak point, it will be rushed to open. followed by

High Voltage AC Load Breaker Switch Technical Parameters

Item		unit.	FLN36-12
Rated voltage		Kv	12
Rated frequency		Hz	50
Rated current		A	630
Rated insulation level	Lightning impulse withstand voltage(peak)	kV	42
	1min power frequency withstand voltage		75
Rated thermal current(2S)		kA	20
Rated dynamic current		kA	50
Rated short-circuit on-off current		kA	25
Rated closed loop breaking current		A	630
Rated active on load breaking current		A	630
Rated cable charger breaking current		A	10

High Voltage AC Load Breaker Switch overall and Installation dimension

