

## SWF79

## THREE PHASE LOW VOLTAGE ELECTRICAL SWITCH CABINET

### General

SWF79 AC high voltage electrical switch cabinet is suitable for single-bus and the single-bus power system of three-phase AC 50HZ, 35KV. And it mainly used in the power plants, substation, industrial and mining enterprises, high-rise buildings to receive and distribute power, and monitor control and protect of the circuit. It complies with the standard of IEC60298, GB3906, and DL404 and has the perfected "five defense" system.



It is with the withdrawout ZN85-40.5 (3AV3) vacuum circuit breaker or SF type of SP series of SF6 circuit breaker. It applies the heat shrinkable insulating material and epoxy coating insulating technology. The optimized electrode shape makes the structure compacted, small sized. The cabinet applies the high-quality aluminum-zinc alloy steel sheet, processed by NC, connected by high-intensity bolts, nut and rivet nut; the surface applies the mining spray or galvanized process. The cubicles are isolated by metal clapboard with unique pressure channel.

### Technical parameters of electrical switch cabinet

Item		Unit	Value	
Rated voltage		KV	40.5	
Rated insulation level	1 min power frequency withstand voltage	KV	Phase-phase	Isolation fracture
			Phase-earth	
			95	118
	185		215	
Rated short-time withstand current (4S)		KA	20, 25, 31.5	
Specified short circuit drop-out current		KA	20, 25, 31.5	
Rated withstand current (peak)		KA	50, 63, 80	
Rated short circuit making current		KA	50, 63, 80	
Rated current		A	1250-2500	
Protection degree			IP4X	
External dimension (W*D*H)		mm	1400*2800(3000)*2800 (3000: SF6)	