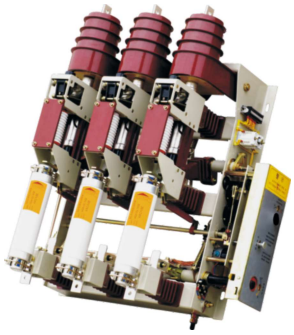
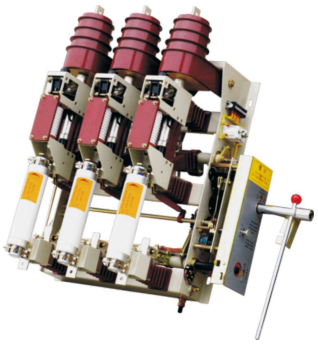
FZ(R)N25-12 Indoor AC High Voltage Vacuum Load Switch



1. Application

FZN25-12D/T630-20 Type Indoor AC switch is three-phase AC 50Hz, rated voltage of 12kV and indoor installations, for industrial and mining enterprises for distribution in clinics and substations and other occasions, as electrical protection and control facilities for the division and load current, loop current, no load transformer and cable charging current.

FZRN25-12D/T200-31.5 type indoor AC high voltage vacuum load switch- fuse combination units is three-phase AC 50Hz, rated voltage of 12kV for indoor installations for industrial and mining enterprises and other occasions to change the station distribution Institution for load control and short circuit protection purposes. Equipped with grounding switch can withstand short-circuit current. Actuator can be manual and electric, easy remote control three power system requirements.

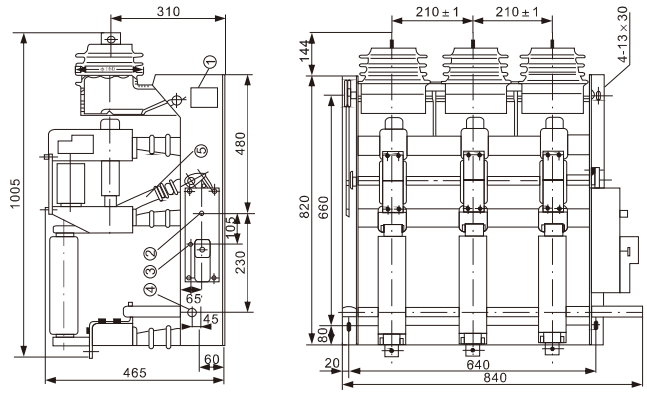


FZN25-12D, FZRN25-12D-type load switch and the combination of electric three-phase are for city distribution and industrial power equipment of three phase ring network or terminal power supply ,for load control and short circuit protection. As the combination of electrical transformers and other electrical equipment on the protective effect than the circuit more reliable, more economical, especially for rings, double radiation power supply units and box-type substation.

2. Technical Parameter

No.	Item		Unit	Value	
				FZN25-12D/T630-20	FZN25-12D/T125-31.5
1	Rated voltage		kV	12	
2	Rated frequency		Hz	50	
3	Rated current		A	630	125
4	Rated insulation level	1min power frequency withstand voltage (effective value)	kV	Arc-quenching chamber fracture 30	
				Earth ,phase 42, insulating fracture 48	
		Lightning impulse withstand voltage (peak)	kV	Earth ,phase 75, insulating fracture 85	
5	Rated dynamic current (peak)		kA	50	-
6	4S thermal current		kA	20	-
7	Rated power load breaking current		A	630	125
8	Rated closed-loop breaking current		A	630	125
9	Rated cable charge breaking current		A	10	10
10	Rated breaking no-load transformer capacity		kVA	1600	1600
11	Rated open circuit breaking current		KA	-	31.5
12	Rated transfer current		A	-	2000
13	Fuse model			-	SDLAJ-12, SFLAJ-12
14	Striker output energy		J	-	2-5
15	Rated short-circuit closed current		kA	50	
16	Earth switch rated dynamic current		kA	50	
17	Earth switch 2s thermal current		kA	20	
18	Auxiliary circuit rated voltage		V	AC DC220	AC DC110
19	Mechanical life		times	10000	

3. Outline and Installation Dimension (mm)



1.nameplate
2.Energy storage shaft
3.trip
4.Grounding knife shaft
5. Operating lever