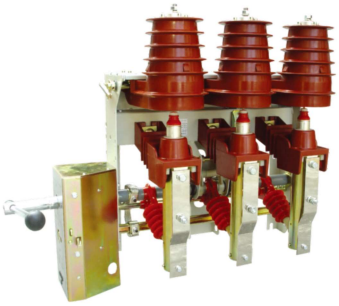
FKN12-12(R)Air High Voltage Load Break Switch With Fuse



1. Application

FKN12-12D/630-20 air high voltage load break switch with fuse is a three phase high voltage switch equipment of 12kv,50hz for breaking or closing load current, loop closed current. no-load transformer and cable charging electric current, close short circuit current. The load switch with earthing switch can bear short-circuit current.

FKN12-12RD/125-31.5 air high voltage load break switch-- fuse-combination unit is made of FKN2-12D load switch and S□LAJ-12(XRNT□-12) H.V current-limiting fuse box. It can be a reliable short-circuit breaking current up to any current: breaking work load switch current, fuse short-circuit breaking current breaking joint working between the current and the full short-circuit current in any over-current, while fuse allows, through its impact load switch sub-gate.



2. Using Condition

a. Ambient temperature -25°C-+40°C
b. Elevation≤1000m
c. Humidity:daily average humidity≤95%,monthly≤90%
d. No risk of fire, explosion, serious pollution, chemical corrosion and severe vibration
e. Pollution degree: II
If use out of above condition,please contact with the manufacture

3. Technical Parameter

No.	Item	Unit	FKN-12D/630-20	FZN-12R.D/125-31.5
1	Rated voltage	kV	12	
2	Rated frenquence	Hz	50	
3	Rated amper	A	630	125
4	Thunder voltage	kV	Isolation:85	
5	1min Voltage	kV	Earthing 42,Isolation:48	
6	Amper	kA	20(4S)	
7	Stable current	kA	50	
8	Current	kA	50	-
9	Breaking current	kA	-	31.5
10	Moving current	kA	-	1.5
11	Breaking amper	kA	1.8	
12	Transformer capacity	kVA	1250	
13	Power charge current	A	10	
14	Breaking times	times	>100	
15	Breaking time	S	-	>0.06
16	Current	kA	20(2S)	20(2S)
17	Earthing switch voltage	kA	50	50
18	Motor voltage	V	AC220, DC48	

4. Outline and Installation Dimension (mm)

