

# FKN12 Indoor HiV Load Switch 12kV 15kV 17.5kV

Standard and versatile load break switch for all primary applications



12kV, 630/125A, 50kA, 50Hz,

Three-phase pneumatic drive, stable breaking for 50Hz grid.

Modular pneumatic actuator, simple structure and easy manual operation.

Complete standard accessories for diverse indoor and outdoor installation.

30,000 overhaul-free operations, long service life and low maintenance.



Provided customized manufacture

Whole solutions for design, assembly, test...

Accountable solution for safety and reliability

Wide range offering, easy business and convenient installation

**ROCKWILL**®

Powered by [IEE Business](#)

Technical Parameters

No	Item	Unit	FKN12 - 12/630	FKRN12 - 12D/125 - 31.5
1	Rated Voltage	kV	12	
2	Rated Frequency	Hz	50	
3	Rated Current	A	630	125
4	Lightning Impulse Withstand Voltage	kV	For ground and phase to phase: 75, for isolating gap: 85	
5	1min Power Frequency Withstand Voltage	kV	For ground and phase to phase: 42, for isolating gap: 48	
6	Rated Dynamic Stable Current	kA	20(4S)	
7	Rated Short - Circuit Making Current (Peak Value)	kA	50	
8	Rated Short - Circuit Breaking Current (Expected Value)	kA	-	31.5
9	Rated Transfer Current	kA	-	1.5
10	Capacity of Interrupting No - load Transformer	kVA	1250	
11	Rated Cable Charging Current	A	10	
12	Mechanical Life	Times	4000	
13	Tripping Time of Load Switch Triggered by Fuse	S	<0.06	
14	Steady - state Current of Grounding Switch	kA	20(2S)	
15	Peak Value of Steady - state Current of Grounding Switch	kA	50	
16	Control Circuit Power Supply Voltage	V	AC/DC 110, 220	