

# FZN16 Indoor AC HV Load Switch 12kV-15kV

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**<sup>®</sup>

Powered by [IEE Business](#)

**Technical Parameters**

No	Item	Unit	FZN16- 12D/T630 - 20	FZN16 - 12D/T200 - 31.5
1	Rated Voltage	kV	12	
2	Rated Frequency	Hz	50	
3	Rated Current	A	630	125
4	Lightning Impulse Withstand Voltage	kV	To Ground and Phase - to - phase: 75; Isolating Break: 85	
5	1min Power Frequency Withstand Voltage	kV	Arc - extinguishing Chamber Break: 30; To Ground and Phase - to - phase: 42; Isolating Break: 48	
6	Rated Dynamic Stable Current	kA	50	
7	4S Thermal Stable Current	kA	20	-
8	Rated Load - breaking Current with Active Power	A	630	220
9	Rated Closed - loop Breaking Current	A	630	220
10	Rated Cable - charging Breaking Current	A	10	10
11	Capacity of Breaking No - load Transformer	kVA	1250	1250
12	Rated Short - circuit Breaking Current	kA	-	31.5
13	Rated Transfer Current, Rated Make - break Current	A	-	2000
14	Fuse Model		-	SDLAJ - 12, SFLAJ - 12
15	Output Energy of the Impactor	J	-	2 - 5 (Medium)
16	Rated Short - circuit Making Current	kA	50	
17	Rated Dynamic Stable Current of Grounding Switch	kA	50	
18	2S Thermal Stable Current of Grounding Switch	kA	20	
19	Stable Voltage of Auxiliary Circuit	V	AC/CD220; 110	
20	Mechanical Life	Times	10000	