

FZN25-12D Indoor high voltage vacuum load switch & FZRN25-12D fuse combination is three-phase AC 50HZ, 12KV power distribution system control and protection devices. FZRN12-12D Load Break Switch-Fuse Combination is made up of FN12-12D load switch and SDLAJ-12(XRNTD-10) H.V current limiting Fuse.

The switch is used for 12KV,50Hz for breaking and switching load current, no load transformer cable charging current and closing short-circuit current. The load switch with earth switch can switch short-circuit current. They're widely applied in mining industries, urban buildings and other places. They have a more reliable protection, especially for ring network, dual-radiation power supply unit and box-type substation.

#### Environment condition

- Ambient temperature: -25°C~+40°C
- Altitude: ≤1000m
- Relative humidity: monthly average ≤90%; daily average: ≤95%
- Wind pressure: ≤700Pa (equals to wind speed 34m/s)
- Air contamination degree: IV degree
- Earthquake intensity: ≤8 degree
- No corrosive or flammable gas

#### Technical Data

NO.	ITEM	FZN25-12D/T630-20	FZRN25-12D/T125-31.5
1	Rated voltage (kV)	12	
2	Rated frequency (HZ)	50	
3	Rated current (A)	630	1250
4	Rated peak withstand current (dynamic stability) (kA)	50	-
5	4s thermo stability current (kA)	20	-
6	The rating active the breaking current (A)	630	-
7	Rated closed loop breaking current (A)	630	-
8	Rated cable charge breaking current (A)	10	-
9	Rated breaking no load transformer capacity (VA)	1600	
10	Rated shift electric current (A)	-	2000
11	Fuse model	-	SDLAJ-12 SFLAJ-12
12	Ram output energy	2~5 (Middle grade)	
13	Rated short circuit making electric current (kA)	50	
14	Earthing switch rated dynamic stability current (kA)	50	
15	Earthing switch 2s thermal stability current (kA)	20	
16	Auxiliary loop rated voltage (V)	AC/DC220, 110	
17	Mechanical life (Time)	10000	

# Outline Dimension

