



General Description

SRM16-12/24 SF6 gas insulated switchgear (GIS) with the adoption of the modular design, can be fixed of extended, it is suitable for end-user or network, meanwhile meets the requirement of all kinds of power distribution substations, cabinet-type transformer substations,cable branch cabinets. It characters on its compact structure, safety and reliability. longevity and maintenance free.

Service environment

- Above sea level: not higher than 2500m
- Ambient temperature: -40°C~+45°C
- Relative humidity: Daily mean RH not more than 95%;  
Monthly mean RH not more than 90%
- Earthquake: less than 8 degree

Specifications

Item	Unit	C module	F module	V module		CB module	
		load break switch	switch fuse	vacuum switch	isolate/earhing switch	vacuum circuit breaker	isolate/earhing switch
Rated Voltage	kV	12/24	12/24	12/24	12/24	12/24	12/24
Power Frequency Withstand Voltage	kV	42/50	42/50	42/50	42/50	42/50	42/50
Lightning Impulse Withstand Voltage	kV	95/125	95/125	95/125	95/125	95/125	95/125

Rated Current	A	630/630	note 1	630/630		1250/630	
Rated Transfer Current	A		1750				
Closed Loop Current	A	630/630					
Off Load Cable Charging Current	A	135/135					
5% Rated Active Load Drop-out Current	A	31.5/-					
Earth Fault Breaking Current	A	200/150					
When Earth Fault, Drop-out Current Of Cable Charging	A	115/87					
Short Circuit Drop-out Current	kA		note 2	20/16		25/20	
Making Capacity	kA	63/52,5	note 2	50/40	50/40	63/50	63/50
Short Time Current 2s	kA	25/-					
Short Time Current 3s	kA	-/21		20/16	20/16	25/20	25/20
Mechanical Life	Times	5000	3000	5000	2000	5000	5000

Note:1.varies with rated current value of fuse  
2.limited by high voltage fuse

Available modules

C	Load break switch module	(Width=325mm)
De	Cable connect module with earthing switch	(Width=325mm)
D	Cable connect module without earthing switch	(Width=325mm)
F	Load break switch and fuse combination module	(Width=325mm)
V	Vaccum switch module	(Width=325mm)
SL	Bus bar section module(load break switch)	(Width=325mm)
SV	Bus bar section breaker module(vacuum switch)	(Width=650mm)
Be	Bus bar earth module	(Width=325mm)
M	Metering module	(Width=696/900mm)
CB	Vacuum circuit breaker module	(Width=500mm)
PT	Power module	(Width=400mm)

