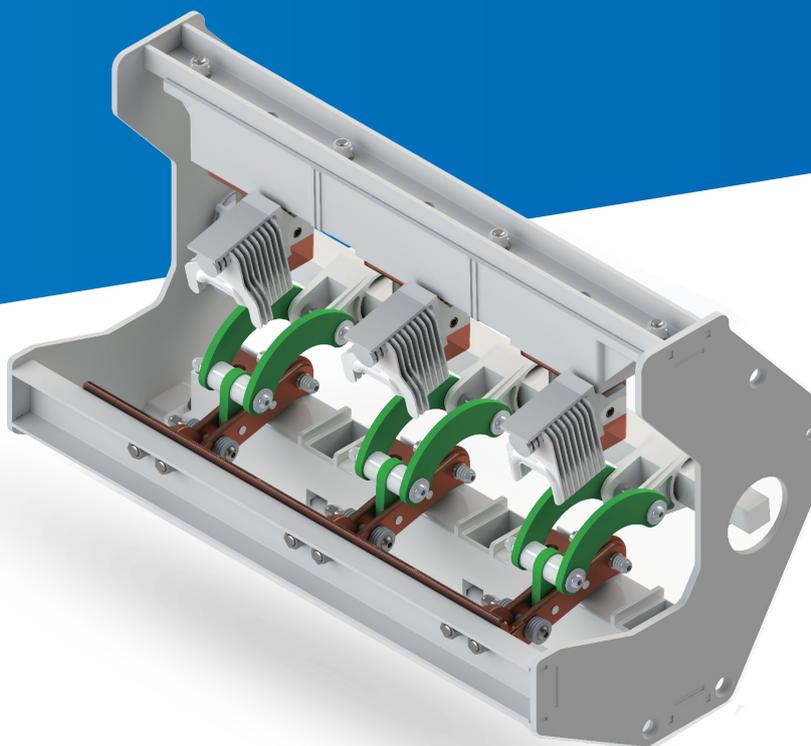
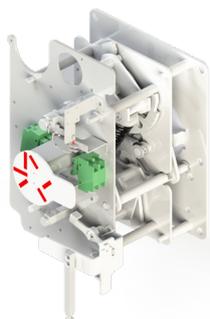


SPF SERIES SF6 RMU LOAD BREAK SWITCH

 25kA



Product Introduction

SPFC-12D/T630-25 series load breakswitch are specifically designed for 12kV SF6 gas-insulated switchgear. Featuring a rotary moving contact (knife-blade) structure with arc-extinguishing grids, this switch offers reliable performance and excellent insulation properties. Product performance complies with GB/T3804-2017.

SPFC-12D/T630-25 load switch is primarily employed within 12kV/630-25 SF6 gas-insulated switchgear. Serving as a core component of the switchgear, it performs essential functions including the breaking and making of rated currents and load currents.

PRODUCT FEATURE



Three-position load break switch, ensuring safety and reliability.



Rotary blades + arc-extinguishing grids provide superior breaking performance



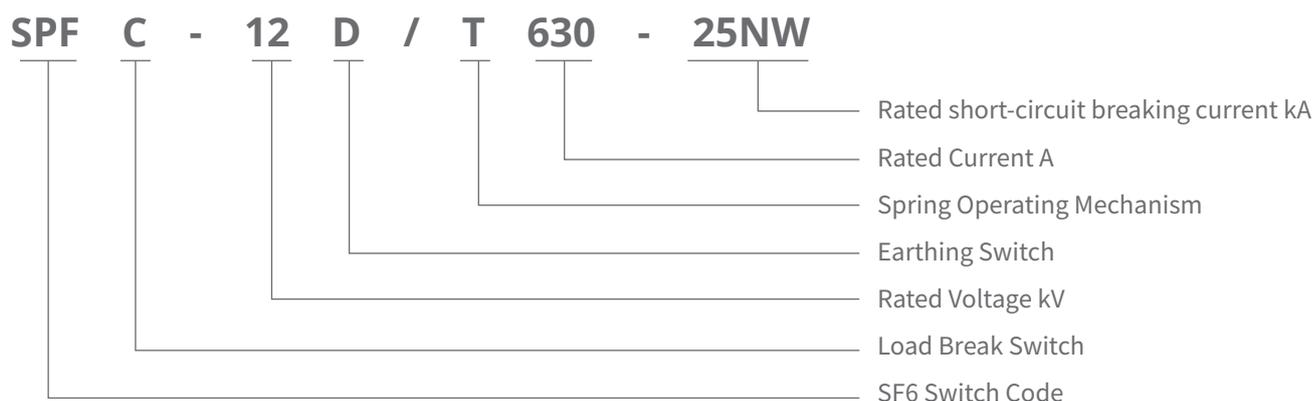
Mechanical endurance: LBS \geq 5000 cycles, ES \geq 3000 cycles



Ambient temperature: -25°C to $+50^{\circ}\text{C}$; Seismic intensity \leq 8 degrees

Model Composition and Meaning

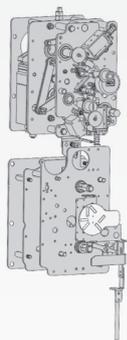
Note: Please contact our company if require test type.



Main Technical Parameters

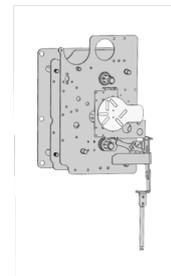
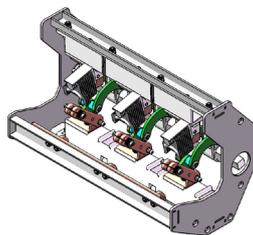
ITEM	UNIT	PARAMETER
Rated Voltage	kV	12
Rated Frequency	Hz	50
Rated Current	A	630
Power frequency withstand voltage (1min)	kV	Across the isolating distance
		Phase to Phase/ Phase to Earth
Rated peak impulse withstand voltage (1.2/50 μ s)	kV	Across the isolating distance
		Phase to Phase/ Phase to Earth
Rated short-circuit making current	kA	50
Load break switch mechanical endurance	Times	\geq 5000
Earthing switch mechanical endurance	Times	\geq 3000
Short-time withstand current of earthing switch	kA	25/4s
Rated short-circuit making current	kA	50
Rated load breaking current	A	630
Number of interruptions under rated active load conditions	Times	\geq 100
Maximum Permissible Partial Discharge Level 1.1Ur	pC	\leq 5

SPF Series SF6 RMU CB & Mechanism (25kA)



Circuit Breaker Switch
(Disconnecter at down side)
SPF V-12D/T630-25/NW

Circuit Breaker Mechanism
SPD07 II(AFT)J(FZ6)(XL101)
Disconnecter Mechanism
SPETISG332(XL)

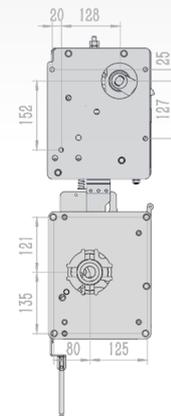
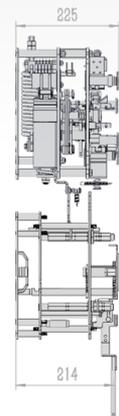
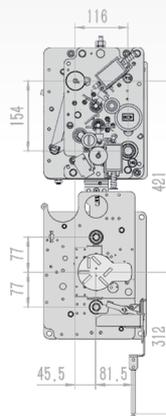
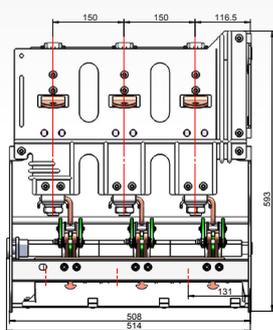
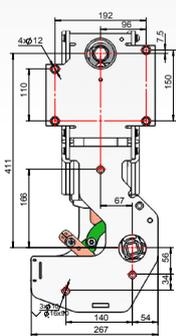


Load Break Switch
SPF C-12D/T630-25NW

Load Break Switch Mechanism
SPETISG332

Switch & Mechanism Dimension

Circuit Breaker Solution (Disconnecter at the down side)



Load Break Switch Solution

