

# SF6 Gas Insulated Load Break Switches

## Features

1. SF6-insulated and interrupted (vacuum interrupted for 12kV)
2. Hermetically-sealed, welded, stainless steel enclosure
3. Easy installation and maintenance free
4. Puffer arc quenching principles applied (Tulip contacts)
5. Compact design with the simple structure supplying excellent insulation and arc extinction
6. Pollution resistance with Moldcone
7. High rust-proof performance
8. Motor operation available



Type of mounting		Pole mounted						
Rated Voltage		25.8kV				12kV		
Type		VPS-M24	VPS-A24	VPS-M26	VPS-A26	VPS-M16V	VPS-A16V	VPS-M10
Operation method		Manual	Remote	Manual	Remote	Manual	Remote	Remote
Rated current(A)		400A		630A		630A		
Rated frequency		50 / 60 HZ				50 HZ		50 / 60 HZ
Type of interruption		Puffer tube (SF6 gas)				Vaccum interrupter		Puffer tube (SF6 gas)
Rated short-time current ( 1 sec )		12.5(kA)				16kA/4sec		
Rated making current		32.5(kAp)				40(kAp)		
Mainly active load current		400A		630A		630A		
Closed loop current		400A		630A		630A		
Transformer off-load current		14A		21A		21A		
Cable charging current		25A		25A		10A		
Mechanical endurance		5,000 operations				10,000 operations		
Power frequency withstand voltage, kV								
	terminal to earth	60				42		
	terminal to terminal	60				42		
	terminal to other phase terminal	60				48		
Impulse withstand voltage (kV)								
	terminal to ground	150				75		
	terminal to terminal	150				75		
	terminal to other phase terminal	150				85		
Pressure of SF6 gas		1.5 kg/ cm <sup>2</sup> . G				0.2 kg/ cm <sup>2</sup> . G		1.5 kg/ cm <sup>2</sup> . G
Weight		135kg	170kg	155kg	190kg	135kg	155kg	160kg
standards		PS-151-170 ~ 180, IEC 60265-1, ANSI C37.71				GB3804.1-xx, IEC60265-1, ANSI C 37.71, ANSI C37.63		

Padmounted type for under ground lines is available at 25.8kV 600A

