

11~38kV SF6 Gas Insulated

Load Break Switch series

MODEL : PT(Porcelain bushing & Nema 2hole Terminal)



World Best Price!
World Best Quality!

Pole mounted SF6 Gas Insulated LBS

SPECIFICATION



Descriptions		Remote type		Manual type	
Rated Voltage		11kV (covers up to 38kV)			
Type Code		SGS-4A	SGS-6A	SGS-4M	SGS-6M
Rated Current		400A	630A	400A	630A
Rated Frequency		50 / 60Hz			
Rated Short-time withstand Current		12.5kA(32.5kAp) / 20kA(52kAp) / 25kA(65kAp) - (r.m.s)/1sec			
Rated Short Circuit Making Current		12.5kA(32.5kAp) / 21kA(54.6kAp), 5Times (E3)			
Current Switching Capacity	Load-Current Switching(over E3)	400A/400Times	630A/400Times	400A/400Times	630A/400Times
		20A/20	31.5A/20	20A/20	31.5A/20
	Loop-Current Switching	400A/20Times	630A/20Times	400A/20Times	630A/20Times
	Cable Charging Current Switching	25A/10Times			
		7.5A/10Times			
	Line Charging Current Switching	1.5A/10Times			
	Excitation Current Switching	14A/10Times	22A/10Times	14A/10Times	22A/10Times
	Non-Voltage Switching	5,000Times (M2)			
Rated Control Voltage		1Ø220VAC /24VDC	1Ø220VAC /24VDC	-	-
Rated Power Frequency Withstand	Dry	60kV / 1min.			
	Wet	50kV / 10sec			
Impulse Withstand Voltage (1.2 x 50µs)		150kV			
SF6 Gas Filling Pressure		0.12 MPa.G (at 20°C)			
Working pressure of pressure relief device		0.4 ~ 0.6 MPa.G			
Working pressure of low pressure interlocking device		0.05 ~ 0.09 MPa.G			
IP Grade		Switch : IP67 Control unit : IP55 by IEC529			
Pollution Level		Heavy and Very Heavy (Class 3 and 4) by IEC815			
Environmental		Ambient temperature : -30 ~ 70°C			
		Altitude : below 1,000m(max.3,000m)			
Applied Standards		IEC 60265-1, ANSI C37.90.1-2/62.45, ES 5925-0003			
Model Type		MT(Porcelain +Moldcone)			
		PT(Porcelain+Nema Termianal)			
		ST(Silicon+Nema Termianal)			

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MODEL : ST(Silicon bushing & Nema 2hole Terminal)



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Rated Voltage		11kV (covers up to 38kV)			
Type Code		SGS-4A	SGS-6A	SGS-4M	SGS-6M
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Rated Frequency		50 / 60Hz			
Rated Short-time withstand Current		12.5kA(32.5kAp) / 20kA(52kAp) / 25kA(65kAp) - (r.m.s)/1sec			
Rated Short Circuit Making Current		12.5kA(32.5kAp) / 21kA(54.6kAp), 5Times (E3)			
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		20A/20	31.5A/20	20A/20	31.5A/20
	Loop-Current Switching	400A/20Times	630A/20Times	400A/20Times	630A/20Times
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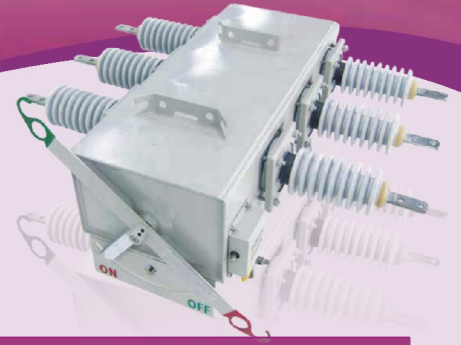
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