

		Partial discharge level	10 Pico Coulomb max	
		Temperature rise	As per IEC	
		Type of insulation	Class A	
		System neutral earthing	Effectively earthed	
		Number of terminals in box	All terminals of control circuits wired marshalling up to marshalling box plus 20 terminals spare	
		Rated extended primary current	120% of rated primary current	
		Rated dynamic current	125 kA (peak)	
		Rated short time thermal current	50 kA for 1 sec.	
		Rated system voltage (Um)	420 kV (rms)	
		CT in 400kV GIS shall be min. 6 core & as per switchyard protection scheme.		
		System neutral earthing	Effectively earthed	
		Nominal discharge current	20kA of 8/20 microsec. Wave (800kV & 400kV)	
		Discharge current at which insulation co-ord. is done	20 kA of 8/20 microsec. wave	
		Rated frequency	50 Hz	
		Current for pressure relief test	50 kArms	
		Prospective symmetrical fault current	50 kArms for 1 second	
		Low current long duration test value (2000 micro sec.)	As per IEC	
8	Surge Arrestor	Pressure relief class	Class A of Table VII of IS: 3070 or equivalent IEC	
		Partial discharge at 1.05 MCOV (Continuous operating voltage)	Not more than 50 p.C.	
		Seismic acceleration	0.3 g horizontal	
		Minimum total creepage distance	14700 mm	
		Pressure relief class	Class A of Table VII of IS: 3070 or equivalent IEC	
		Partial discharge at 1.05 MCOV (Continuous operating voltage)	Not more than 50 p.C.	
		Siesmic acceleration	0.3 g horizontal	
		Rated arrestor voltage	336 kV	