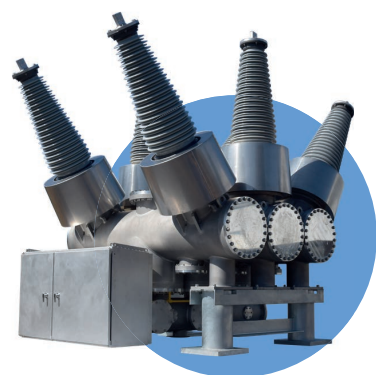


145kV Dry Air Insulated Dead Tank Vacuum Circuit Breaker



Product Specifications

Model	MAS 14543	
Rated Maximum Voltage (kV)	145	
Dielectric Withstand Voltage	Power Frequency (1 min Dry) (kV rms)	275
	Lightning Impulse (Full Wave Withstand) (kV Peak)	650
Rated Frequency (Hz)	50/60	
Rated Continuous Current (A)	3000	
Rated Short Circuit Breaking Current (kA)	40	
Rated Transient Recovery Voltage: Rate of Rise (kV/μs)	2	
First Pole to Clear Factor	1.5	
Rated Closing and Latching Current (kA)	104	
Rated Short-Circuit and Short-Time Circuit (kA)	40 (3s)	
Rated Interrupting Time (Cycles)	3	
Rated Opening Time (s)	0.05	
Rated Closing Time with No Load (s)	0.13	
Operating Duty	O-0.3s-CO-15s-CO	
Rated Control Voltage (Vdc)	48, 125, 250	
Rated Tripping Voltage (Vdc)	48, 125, 250	
Rated Motor Voltage	(Vdc)	48, 125, 250
	(Vac)	60, 120, 240
Rated Dry Air Pressure (psig)	130.5	
Closing Operation System	Spring	
Tripping Control System	Spring	
Certifications	ANSI/IEEE C37.06, IEC 62271-100	

Dimensions

	A	B	C	D	E	F	G	H	I
Porcelain (3000A)	170	83	112	74	174	108	111	30	76
Composite (3000A)	177	83	112	74	174	108	111	30	76

Unit: in

