

Replacement Breakers & Retrofit Products

Medium Voltage Replacement Circuit Breakers

General

Ratings from 5–38 kV, 250–1500 MVA, 1200-3000 Amperes

Replacement circuit breakers provide a cost-effective way to upgrade your system capabilities while saving you from costly maintenance and lost productivity and preserving your investment in existing cubicles and cables.

Whether your equipment was originally manufactured by Allis-Chalmers, Westinghouse, GE, Federal Pacific, ITE, or another manufacturer, we will assist you to evaluate the Siemens replacement options which best meet your needs.

Why Replacement Breakers?

- Increased Reliability and Performance
- Reduced Operating and Maintenance Expenditures
- Reduced Downtime, Minimal Changeover Time During Upgrade
- Preserved Investment in Existing Cubicles
- Improved Employee and Environmental Safety

Why Siemens?

Siemens Offers the Best Vacuum Circuit Breaker in the Industry.

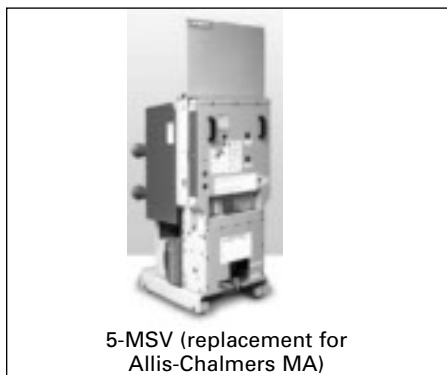
- Superior Performance, Longer Service Life
 - 10,000 full load operation, 10-year maintenance cycle on replacement circuit breakers with 3AH operator
- Standard Operator on All Siemens Replacement, Medium Voltage Distribution, and Outdoor Vacuum Circuit Breakers
- Extensive Replacement Breaker Experience – 750+ projects since 1983
 - Over 400,000 3AF/H series circuit breakers in service worldwide
 - Nuclear Class 1E Rated (350+ breakers)
- Full Range of Service Capabilities by Skilled Factory-Trained Engineers and Technicians

Siemens Medium Voltage Replacement Circuit Breakers

The following circuit breakers are available as pre-engineered designs. Other manufacturers, models, and ratings can be engineered by Siemens.

Transformer Protection

Manufacturer	Model	kV	Ratings MVA	AMP	
Allis-Chalmers (All Air-Magnetic)	AM	5	150	1200, 2000	
			250	1200, 2000	
	MB	7	250	1200, 2000	
			500	1200, 2000	
			150	1200	
	MC/MCV	15	250	1200, 2000	
			500	1200, 2000	
			750	1200, 2000	
	MA	5	250	1200, 2000	
			350	1200, 2000	
500			1200, 2000, 3000		
FA	5	350	1200, 2000, 3000		
		500	1200, 2000, 3000		
		750	1200, 2000		
FB	7	500	1200, 2000, 3000		
		750	1200, 2000		
		1000	1200, 2000, 3000		
FC/FCV	15	500	1200, 2000		
		750	1200, 2000		
		1000	1200, 2000, 3000		
Siemens	3AF (2-High)	5	250	1200, 2000	
			350	1200, 2000, 3000	
		7.5	500	1200, 2000, 3000	
			750	1200, 2000	
		15	500	1200, 2000	
			1000	1200, 2000, 3000	
GE (All Air-Magnetic)	Magneblast (AMH)	4.16	250	600, 1200, 2000	
			100	600, 1200, 2000	
	Magneblast (AM)	2.4	150	600, 1200, 2000	
			4.16	600, 1200, 2000	
			150	600, 1200, 2000	
			4.16	100	600, 1200, 2000
				150	600, 1200, 2000
			7.2	250	600, 1200, 2000
				350	1200, 2000, 3000
			13.8	500	1200, 2000, 3000
250				1200, 2000	
Westinghouse	DH	5	150	1200, 2000	
			250	1200, 2000	
		7.5	350	3000	
			500	1200, 2000	
		15	500	1200, 2000	
			750	1200, 2000	
	DHP	5	1000	1200, 2000, 3000	
			350	1200, 2000	
		7.5	500	1200, 2000	
			15	500	1200, 2000
ITE	HV	5	750, 750C	1200, 2000	
			1000	1200, 2000	
			100	600, 1200	
	HK	7.5	250	600, 1200	
			500	1200, 2000	
			15	500	1200, 2000
Federal Pacific	DST2	5	750	1200, 2000	
			1000	1200, 2000	
			250	1200, 2000	
	MOP	27	500	1200, 2000	
			750	1200, 2000	
			1000	1200	
McGraw Edison	PSD	15	501	1200	
			502	2000	
			751	1200	



5-MSV (replacement for Allis-Chalmers MA)