

Roll-in replacement for MagneBlast circuit breakers

Proven technologies for medium voltage roll-in replacement circuit breakers



ABB incorporates magnetically actuated and spring-charged operating mechanisms in medium voltage roll-in replacement circuit breakers — proven technologies that help minimize downtime and reduce costs.

Overview

ABB aftermarket medium voltage roll-in direct replacement circuit breakers can be inserted directly into your existing switchgear to help minimize downtime in critical applications. Our comprehensive portfolio of pre-engineered, quick-turnaround circuit breakers covers most major manufacturers, including the GE® MagneBlast circuit breaker line.

Features and benefits

ABB circuit breakers with magnetically actuated or spring-charged operating mechanisms are specifically designed to operate with vacuum interrupters that are embedded in poles, offering added protection against humidity, shocks and dust. This results in simplified operation, fewer moving parts and extended maintenance intervals.



Enhanced safety and reliability

All ABB roll-in replacement circuit breaker designs are ANSI/IEEE tested. Their updated technology helps increase reliability as well as safety by reducing personnel time in front of switchgear lineups.



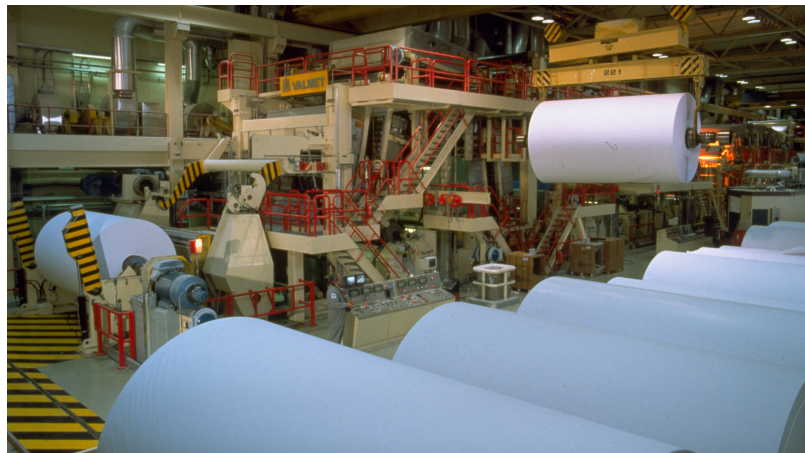
Reduced maintenance costs

The ABB circuit breaker's spring-charged mechanism is a proven, compact and modular design that is easily maintained to reduce downtime. ABB's circuit breaker with magnetically operated mechanism requires the least maintenance of all medium voltage vacuum circuit breakers on the market today, due to a superior design with fewer moving parts.



Minimized downtime for installation

ABB's long experience, advanced manufacturing and quality control processes enable us to produce roll-in replacement circuit breakers that install quickly and simply, helping reduce downtime.



GE® MagneBlast roll-in replacement circuit breaker availability

Original circuit breaker type	kV	MVA	New kA	Amps	Magnetically actuated	Spring charged
AM-13.8-250/500, 1200 A 15 500 25 1200	15	500	25	1200	*	
AM-13.8-250/500, 2000 A 15 500 25 2000	15	500	25	2000	*	
AM-13.8-250/500/750, 1200 A 15 750 40 1200	15	750	40	1200	*	
AM-13.8-250/500/750, 2000 A 15 750 40 2000	15	750	40	2000	*	
AM-13.8-750-5H, 1200 A 15 750 40 1200	15	750	40	1200	*	
AM-13.8-750-5H, 2000 A 15 750 40 2000	15	750	40	2000	*	
AM-13.8-750T, 1200 A 15 750 40 1200	15	750	40	1200	*	
AM-13.8-750T, 2000 A 15 750 40 2000	15	750	40	2000	*	
AM-15-250/500, 1200 A 15 500 25 1200	15	500	25	1200	*	
AM-15-250/500, 2000 A 15 500 25 2000	15	500	25	2000	*	
AM-4.16-150, 1200 A 5 150 31.5 1200	5	150	31.5	1200	*	*
AM-4.16-150, 2000 A 5 150 31.5 2000	5	150	31.5	2000	*	*
AM-4.16-250H, 1200 A 5 250 40 1200	5	250	40	1200	*	*
AM-4.16-250H, 2000 A 5 250 40 2000	5	250	40	2000	*	*
AM-4.16-250HB, 1200 A 5 250 40 1200	5	250	40	1200		*
AM-4.16-250HB, 2000 A 5 250 40 2000	5	250	40	2000		*
AM-4.16-350, 1200 A 5 350 50 1200	5	350	50	1200		*
AM-4.16-350, 2000 A 5 350 50 2000	5	350	50	2000		*
AM-4.16-350, 3000 A 5 350 50 3000	5	350	50	3000	*	*
AM-5-150, 1200 A 5 150 31.5 1200	5	150	31.5	1200	*	
AM-7.2-500, 1200 A 7 500 40 1200	5	500	40	1200	*	
AM-7.2-500, 2000 A 7 500 40 2000	5	500	40	2000	*	
AM-7.5-250, 1200 A 7 250 31.5 1200	5	250	31.5	1200	*	
AM-7.5-250, 2000 A 7 250 31.5 2000	5	250	31.5	2000	*	

For additional options for medium voltage circuit breaker replacements and upgrades, visit:
<https://new.abb.com/medium-voltage/service/extension-upgrades-and-retrofits>

Contact us
 For more information, call us toll free at +1 888 434 7378, or +1 540 387 8617.

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