



Power/Vac® VL Replacement Breakers for GE Magne-Blast Type AM

No kits... no guessing... no used parts. Just the high performance, reliability and safety you need and expect from the original manufacturer.

Features:

Complete roll-in vacuum breaker assembly ready for immediate insertion into existing equipment — minimizes downtime

All new components — frame, interlock mechanisms, bushings and secondary disconnects

ANSI/IEEE tested — interface/interlocks, dielectric, momentary, temperature rise and mechanical life

Standard production testing — 300 mechanical operations, high potential, min./max. control voltage and timing/travel curves

Long life with low maintenance — proven Power/Vac breaker has front accessible mechanism

Easy MVA rating upgrades — most equipment requires little or no modification beyond new interference plate

Direct mechanical and electrical interchangeability with existing units — complete documentation provided

GE Electrical Distribution & Control

Why you should upgrade your Magne-Blast equipment with Power/Vac® VL:

- Extend the useful life of your Magne-Blast equipment
- Normal wear and aging of contacts, mechanisms, insulation and arc chutes can lead to failures
- Electrical distribution systems may have grown over the years, leaving equipment underprotected
- Eliminate asbestos arc chutes issues with proven Power/Vac vacuum breaker
- Save up to 50% on breaker maintenance costs
- Avoid costly downtime

Power/Vac VL vacuum replacement breakers are available in the ratings shown below for insertion into 36" wide Magne-Blast Type AM breaker compartments:

Symmetrical Rating Basis ANSI C37.06 (1979)

Nominal RMS Voltage Class (kV)	Nominal 3-Phase Class (MVA)	Rated Values								Related Required Capabilities			
		Voltage		Insulation Level		Current		Rated Inter- rupting Time (Cycles)	Rated Permis- sible Tripping Delay, Y (Seconds)	Rated Max. RMS Voltage Divided by K (kV)	Current Values		
		Rated Max. RMS Voltage (kV)	Rated Voltage Range Factor K	Rated Withstand Test Voltage		Con- tinuous RMS Current Rating at 60Hz (A)	Short circuit RMS Current Rating (at Rated Max. kV) (kA)				Max. Sym- metrical Inter- rupting Capability	3 Sec Short- time Current Carrying Capability	Closing and Latching Capability RMS Current (kA)
				Low Frequency RMS Voltage (kV)	Crest Impulse Voltage (kV)								
(kA)		(kA)											
7.2	500	8.25	1.25	36	95	1200	33	5	2	6.6	41	41	66
7.2	500	8.25	1.25	36	95	2000	33	5	2	6.6	41	41	66
7.2	500	8.25	1.25	36	95	3000*	33	5	2	6.6	41	41	66
13.8	500	15	1.30	36	95	1200	18	5	2	11.5	23	23	37
13.8	500	15	1.30	36	95	2000	18	5	2	11.5	23	23	37
13.8	500	15	1.30	36	95	3000*	18	5	2	11.5	23	23	37
13.8	750	15	1.30	36	95	1200	28	5	2	11.5	36	36	58
13.8	750	15	1.30	36	95	2000	28	5	2	11.5	36	36	58
13.8	750	15	1.30	36	95	3000*	28	5	2	11.5	36	36	58
13.8	1000	15	1.30	36	95	1200	37	5	2	11.5	48	48	77
13.8	1000	15	1.30	36	95	2000	37	5	2	11.5	48	48	77
13.8	1000	15	1.30	36	95	3000*	37	5	2	11.5	48	48	77

Complete information required for quotation/order entry. Please forward to GE ED&C Switchgear Operation Marketing Team at (319) 753-6479 by fax, or call (319) 753-8400.

Customer Name _____ Location _____
 Type AM _____ Serial No. _____
 Mechanism type _____ Model No. _____

_____ 1200A _____ 2000A _____ 3000A*

_____ Normal (37kA) _____ (58kA) momentary for 500MVA applications
 _____ Normal (58kA) _____ (77kA) momentary for 750MVA applications
 _____ (77kA) momentary for 1000MVA applications

Trip Voltage: _____ 48Vdc _____ 125Vdc _____ 250Vdc _____ Capacitor Trip
 Close Voltage: _____ 48Vdc _____ 125Vdc _____ 250Vdc _____ 115Vac _____ 230Vac
 Charge Voltage: _____ 48Vdc _____ 125Vdc _____ 250Vdc _____ 115Vac _____ 230Vac

Surge Suppressors Required? _____ (recommended for feeder breakers serving low BIL loads - i.e. motors, dry type transformers, generators)

*** Consult factory for availability of: 3000A, 4.16kV 250-350MVA, M26, AM75, AMH or Class 1E applications.**

Coming soon: Power/Vac VL 5kV ratings for 26" wide Magne-Blast Type AM breakers.

Contact your local GE ED&C sales office for more information.



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