

DHR & DPR Medium Voltage Replacement Circuit Breakers

ANSI 4.76/8.25/15kV at 250–1000 MVA, 1200-3000 Amperes



5-DHR
(Replacement for
Westinghouse DH)

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

Siemens provides the experience your company needs to successfully extend the life of your equipment. Our circuit breakers are manufactured using the same fixtures as the original Westinghouse breakers.

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 300,000 3AF/H series circuit breakers in service worldwide
 - Nuclear 1E Rated (350+ breakers)

Siemens MOC-Saver

Siemens type DHR & DPR replacement vacuum circuit breakers with Siemens MOC-Saver system provide reliable circuit breaker operation and reliable operation of the existing MOC system.

(See reverse for more information)

3AH Operator Features:

- Spring charge motor mechanism - lifetime lubricated gear box
- Operating linkage - machine parts vs. stamped metal
- Change-out of components - easily accessible
- Vacuum contact erosion indication - easily verifiable



15-DPR
(Replacement for
Westinghouse DHP)

Siemens Type DHR & DPR Medium Voltage Vacuum Circuit Breakers For Westinghouse Type DH & DHP

The following circuit breakers are available as pre-engineered designs.

Replacement Circuit Breaker	Nominal Voltage Class	Nominal 3- Phase MVA Class	Maximum Voltage	Voltage Range Factor	Interrupting Time	Full Wave Withstand Test Voltage	Continuous Current (60 Hz)	Short Circuit Current (at max. kV)	Close and Latch Capability	Nominal Weights
			E	K				I	1.6 x KI	
	kV	MVA	kV rms		Cycles	kV Peak	Amperes	kA rms	kA rms	lbs.
5 DHR-250	4.16	250	4.76	1.24	5	60	1200, 2000	29	58	700/900
7 DHR-500	7.2	500	8.25	1.25	5	95	1200, 2000	33	66, 77	925
15 DHR-500	13.8	500	15.0	1.3	5	95	1200, 2000	18	37, 58	925
15 DHR-750	13.8	750	15.0	1.3	5	95	1200, 2000	28	58, 77	925
5 DPR-350	4.16	350	4.76	1.19	5	60	1200, 2000	41	78	675
7 DPR-500	7.2	500	8.25	1.25	5	95	1200, 2000	33	66, 77	675/700
15 DPR-500	13.8	500	15.0	1.3	5	95	1200, 2000	18	37, 58	675/700
15 DPR-750	13.8	750	15.0	1.3	5	95	1200, 2000	28	58, 77	675/700
15 DPR-1000	13.8	1000	15.0	1.3	5	95	1200, 2000	37	77	850
15 DPR-1000	13.8	1000	15.0	1.3	5	95	3000	37	77	980

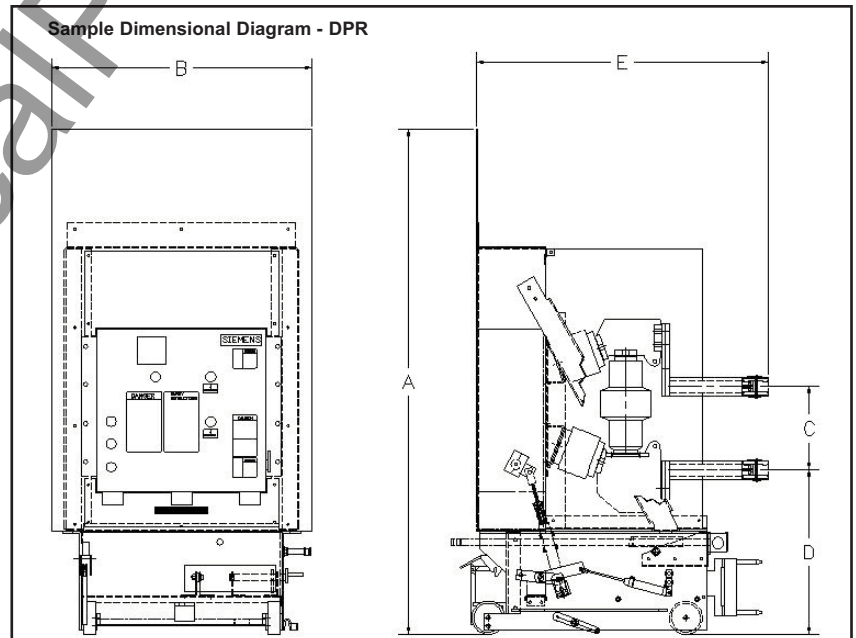
Siemens MOC-Saver

(continued from front page)

Siemens MOC-Saver (patent pending) system addresses the various operational issues associated with replacing Westinghouse DH and DHP air-magnetic circuit breakers. The MOC-Saver system controls the velocity operating the original cubicle MOC system thus mitigating the increased forces which would be applied to the cubicle MOC system. The MOC-Saver provides positive MOC switch actuation in the Open and Close directions. The MOC-Saver includes a bi-directional stored energy mechanism (snubber) and a bi-directional hydraulic velocity controller.

Dimensions	5 DHR 250	7/15 DHR 500/750	5 DPR 350	7/15 DPR 500/750	15 DPR 750C/1000
A	64.50	73.00	57.25	60.75	73.75
B	22.37/32.87	32.38	22.37	31.25	31.25
C	9.00	9.00	8.50	10.00	10.00
D	26.81	26.80	16.50	19.75	19.75
E	32.36	44.34	29.65	35.12	40.00

Sample Dimensional Diagram - DPR



Contact Us

To find out more about Siemens replacement breakers, please contact your local Siemens representative or (800) 347-6659 regarding your site specific application.

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