

Closed Door Racking Modification

Protect Your Most Important Assets – Your Employees and Your Equipment

Allis-Chalmers D and F Switchgear

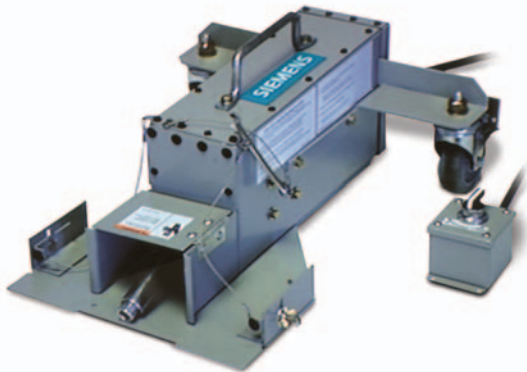
CDR-AC

In order to improve operator safety, Siemens offers a field modification to convert type D and F switchgear to a closed-door, remote rack design. This modification provides a cost effective solution to keep operators clear of the arc flash zone during breaker racking.

Allis-Chalmers and later Siemens manufactured type D and F medium-voltage switchgear from 1958 through the late 1980's. This gear utilized air-magnetic breakers that were typically manually racked via a lever while the cubicle panel door was open.

The field modification consists of a floor-mounted screw racking device and a breaker-mounted bracket to interface with the floor-mounted screw device. These additions allow end-users to either have closed-door manual racking, or closed-door remote racking.

The closed-door remote racking option requires the above mentioned cell and breaker additions, as well as a minor front panel modification to accept a torque-regulated motor. The motor can be moved from one cell position to the next, thus only one motor device is required.



For more information or to receive a video explaining the field modification, please contact your local Siemens PT&D sales representative or contact (800) 347-6659 regarding your site-specific application.



Before: Original floor-mounted lever racking, commonly used on type D and F switchgear, required the operator to stand in front of the breaker with the panel door open.



After: Following the field modification, the breaker can be racked in and out while the operator stands outside of the arc flash zone.

Manuf.	Model	kV	Ratings MVA	AMP		
Allis-Chalmers D Gear	MA	5	250	1200, 2000		
			350	1200, 2000		
F Gear	FA	5	350	3000		
			FB	7	500	1200, 2000, 3000
				FC/FCV	15	500
			750	1200, 2000		
			1000	1200, 2000, 3000		

Easily installed on existing units and can be provided for 5kV, 7.5kV, and 15kV ratings, from 1200A through 3000A.

Siemens Power Transmission & Distribution, Inc
Service Solutions Division
7000 Siemens Road
Wendell, NC 27591

Visit our website:
www.usa.siemens.com/energy

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E50001-U610-A128-X-US00
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