

SIEMENS

Ingenuity for life

Remote racking modification

Siemens 5-15 kV type GM and
38 kV type GM38 switchgear

In order to improve operator safety, Siemens offers a field modification to convert Siemens 5 – 15 kV type GM and 38 kV type GM38 switchgear to a remote rack design. This modification provides a cost-effective solution to keep operators clear of the arc flash zone during breaker racking.

Siemens began manufacturing GM medium-voltage switchgear in the late 1980s and still can manufacture GMI breakers and match-in-line extensions today.

The switchgear utilizes vacuum breakers that are manually racked via a hand crank while standing in front of the cubicle.

The remote racking option requires 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.



Before: Original hand crank racking, commonly used on GM switchgear, requires the operator to stand in front of the cubicle.



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

Manufacturer	Model	kV	Ratings MVA	AMP
Siemens				
GM gear	GMI	5	250	1,200, 2,000
			350	1,200, 2,000, 3,000
		7	500	1,200, 2,000, 3,000
		15	500	1,200, 2,000, 3,000
			750	1,200, 2,000, 3,000
			1,000	1,200, 2,000, 3,000
		38	1,500	1,200, 2,000, 3,000
			1,000	1,200, 2,000, 3,000

Easily installed on existing units and can be provided for 5 kV, 7.5 kV, 15 kV and 38 kV ratings, from 1,200 A through 3,000 A.

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For more information, please contact our Customer Support Center.
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usa.siemens.com

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