



VDH/GSMI®

US Patent N° 7,724,489
Chinese Patent N° ZL200880113335.7
European Patent N° 2186107

Combined Vacuum Circuit Breaker & High Speed Mechanically Interlocked Grounding Switch

38 kV - 1200 to 2000 A - 25 to 40 kA

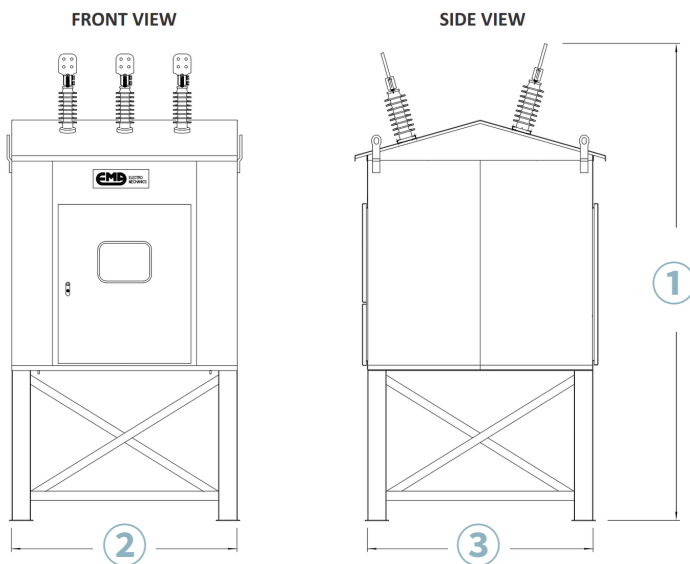


ISO 9001:2015

VDH/GSMI Electrical Ratings

Type	Rated maximum voltage	Rated continuous current	Rated symmetrical interrupting capability	Rated short-time current (RMS)	Rated closing and latching current (peak)	Dielectric strength power frequency	Dielectric strength impulse full wave (BIL)	Rated frequency	Rated closing time	Rated opening time	Rated arcing time	Rated mechanical switching time	Maximum electrical switching time
	kV	A	kA	kA (3sec)	kA	kV	kV	Hz	msec	msec	msec	msec	msec
Circuit Breaker	38	1200	25	25	65	80	200	50/60	≤45	≤30	4/11	12/16	12
		2000	31.5	31.5	82								
Grounding Switch	38	-	40	40	104	80	200	50/60	-	-	-	12/16	12

Dimensions & Weight



- ① **Height:** 128 / 148 in
- ② **Width:** 71 in
- ③ **Depth:** 71 in

Weight: 3320 pounds
3820 pounds

- 3255 / 3755 mm
- 1800 mm
- 1800 mm

1405 kg (1200 A)
1735 kg (2000 A)

Features & Advantages

The VDH/GSMI® revolutionizes protection in renewable energy systems by combining a vacuum circuit breaker and a high-speed grounding switch in one compact outdoor unit, fully replacing traditional grounding transformers in wind, solar, and battery storage collection systems.

It enables fast grounding that minimizes transient voltage peaks, eliminating the need for grounding transformers and delivering clear technical, economic, and safety advantages.

Main Characteristics

Metal enclosed, free standing three-pole outdoor vacuum circuit breaker combined with a vacuum grounding switch suitable for installation in unprotected environments.

Manufactured and tested to meet ANSI C37.04-2018 standard, the series provides easy installation and accessibility, minimal maintenance and long service life.

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