



VDH 38

Vacuum Substation Circuit Breaker

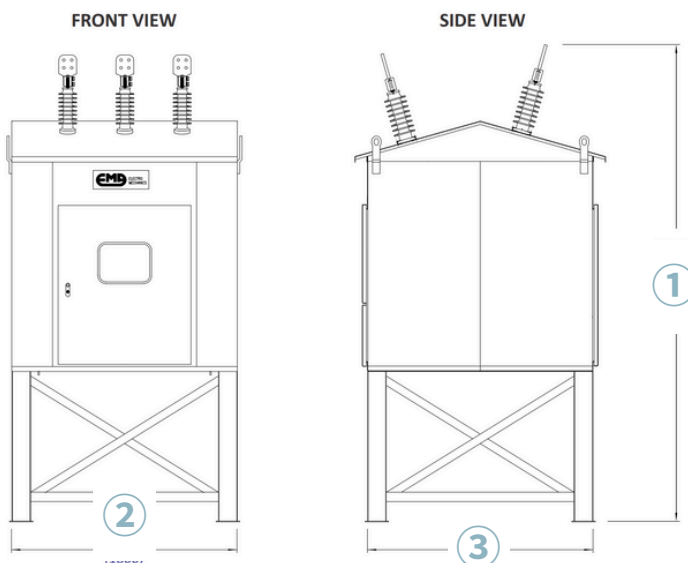
38 kV - 1200 to 3000 A - 25 to 40 kA



VDH Electrical Ratings

Designation code	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
	kV	A	kA	kA (3sec)	kA	kV	kV	Hz	msec	msec	msec
38.12.25	38	1200	25	25	65	80	200	50/60	≤55	≤30	4/11
38.12.32			31.5	31.5	82						
38.12.40			40	40	104						
38.20.32	38	2000	31.5	31.5	82	80	200	50/60	≤55	≤30	4/11
38.20.40			40	40	104						
38.30.32	38	3000	31.5	31.5	82	80	200	50/60	≤55	≤30	4/11
38.30.40			40	40	104						

Dimensions & Weight



Main characteristics

VDH Series is a metal enclosed, free standing three-pole outdoor vacuum circuit breaker for power substations up to 38 kV.

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

2000 A and 3000 A current ratings are typically required for both main bus breaker and bus-tie breaker applications while the 1200 A rating is typically used for both feeder breaker and capacitor bank breaker applications.

① Height: 128 / 148 in	3255 / 3755 mm
② Width: 71 in	1800 mm
③ Depth: 71 in	1800 mm
Weight: 3100 pounds	1405 kg

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