

## Featured Product:

# Compact Medium Voltage Switchgear



- Metal enclosed compact drawout circuit breaker based design. (36" w x 80" h x 72" d)
- Drawout vacuum circuit breaker with test, disconnected and connected positions.
- Silver plated copper line and load bus bar connections, optional main bus.
- Voltage transformers, (fixed or drawer mounted)
- Current transformers are front accessible, mounted on the primary insulating bushings behind the metal automatic shutters.
- Enclosure includes hinged front door with lockable T-handles.
- Optional features include:  
Power metering, protective relaying, main-tie-main control, generator control, generator paralleling, communications.

## Specifications

Voltage:	4.16kV – 15kV, 3 phase, 3 wire
Current:	1200A or 2000A
Enclosure:	Indoor, Outdoor Walk-in Insulated Isle
Dimensions:	36"W x 80"H x 72"D (each section)
Voltage Transformer Options:	Fixed or Drawout Mounted

## Circuit Breaker Ratings

Type of Breaker	Nominal Rating MVA	Voltage kV- rms	Rated Cont. Current 60 Hertz Amps.- rms	Rated Voltages		Insulation Level Rated Withstand			Interrupting Ratings Amps.-Symmetrical			Short Time Close & Inter-			
				Max. Voltage kV- rms	Min. Range Factor K	Low Voltage kV- rms	Impulse Freq. 1.2x50us kV- rms	Max. kV Amps.- rms	Nom. kV Amps.- rms	Min. kV Amps.- rms	Asym- metrical Rating Factor	Rating 3 Sec. Amps- rms	Latch Rating Amps.- rms	rupting Time Cycles	
VR-05025-12	250	4.16	1200	4.76	1.24	3.85	19	60	29,000	33,200	36,000	1.2	36,000	58,000	3
VR-05025-20	250	4.16	2000	4.76	1.24	3.85	19	60	29,000	33,200	36,000	1.2	36,000	58,000	3
VR-05035-12	350	4.16	1200	4.76	1.19	4.0	19	60	41,000	46,900	49,000	1.2	49,000	78,000	3
VR-05035-20	350	4.16	2000	4.76	1.19	4	19	60	41,000	46,900	49,000	1.2	49,000	78,000	3
VR-08050-12	500	7.20	1200	8.25	1.25	6.6	36	95	33,000	37,800	41,000	1.2	41,000	66,000	3
VR-08050-20	500	7.20	2000	8.25	1.25	6.6	36	95	33,000	37,800	41,000	1.2	41,000	66,000	3
VR-15050-12	500	13.8	1200	15	1.30	11.5	36	95	18,000	19,500	23,000	1.2	23,000	37,000	3
VR-15050-20	500	13.8	2000	15.0	1.30	11.5	36	95	18,000	19,500	23,000	1.2	23,000	37,000	3
VR-15075-12	750	13.8	1200	15.0	1.30	11.5	36	95	28,000	30,400	36,000	1.2	36,000	58,000	3
VR-15075-20	750	13.8	2000	15.0	1.30	11.5	36	95	28,000	30,400	36,000	1.2	36,000	58,000	3
VR-15100-12	1000	13.8	1200	15.0	1.30	11.5	36	95	37,000	40,200	48,000	1.2	48,000	77,000	3
VR-15100-20	1000	13.8	2000	15.0	1.30	11.5	36	95	37,000	40,200	48,000	1.2	48,000	77,000	3

