



SWITCH CONFIG.	BIL kV (T:T-L-G)	VOLTAGE RATING kV	CURRENT RATING A	OPERATING MECHANISM TYPE	CONTROL VOLTAGE	OUTLINE DRAWING	VES SWITCH PART NO.
1 POLE	200-250	46	600	SOLENOID	120 VAC	1002862	1002861G1

This switch is principally used for arc furnace switching but also has limited use for capacitor switching. The switch is solenoid operated because it is used in three phase sets requiring simultaneous contact closure. Capacitor switching is limited to switching solidly grounded 46 kV systems having RMS currents of 200 amperes maximum. The switch can be used to switch an arc furnaces at 46 kV. Its current capacity can be increased by connecting switches in parallel. Switches connected in parallel are de-rated to 500 A. This switch has one form A (e.g. normal open) and one form B (e.g. normal closed) auxiliary contact. Capacitor switching is best done with a stored energy control shown on page 19. An arc furnace control is shown on page 21. This switch's repair parts are shown beginning on page 45.