

External Inputs	Milliamp Input	4-20 mA Input Impedance - 510 ohms.
	Manual Control	10k ohm, 2 watt potentiometer, linear taper (customer provided).
Output Current Rating (Model dependent)		20 to 600 Amps.
AC Supply Voltage		120/208/240/380/415/480/575 Vac(+10% to -15%, 50/60 Hz) *
Type of Loads		Resistive / Inductive / Lamp.
Soft Start:	Options B, C, D, E:	Set for initial half-second of operation at power on. Field adjustable by potentiometer from 0.25 seconds to 60 seconds. Ramp with DC signal change is factory set for 0.1 seconds (adjustable with capacitor change.)
	Options KB, KC, KD & KE:	Set for initial half-second of operation at power on. Field adjustable by potentiometer from 0.5 seconds to 25 seconds. Ramp with DC signal change is factory set for 0.1 seconds (adjustable with capacitor change.)
	Options V & T:	Set for initial half-second of operation at power on. Field adjustable by potentiometer from 1 second to 50 seconds. Ramp with DC signal change is factory set for 0.1 seconds (adjustable with capacitor change.)
Hard Firing Gate Pulse		A combination of a high-potential gate pulse and a rapid rise time is used to prevent SCR damage due to di/dt stress.
Input Adjustments (B,C,D,E,KB,KC,KD & KE)	Gain	4-20mA
	Offset	50% of gain maximum
Regulation	Option: B,C,D,E,KB,KC,KD & KE	Load voltage regulation of +/-2% over a +/-10 % line voltage input change.
	Option V & T	Specific to DC voltage applications, current and/or Voltage regulation is 0.75%.
Protective Networks	Fusing	Integral I ² T fuse protects against short-circuit overloads.
	Transient Voltage Suppressor	Integral MOV (Metal Oxide Varistor) protects against high potential transient voltage.
	SCR Peak Inverse Voltage (PIV Rating)	1500V
	RC Snubber	RC snubber network prevents false firing due to dv/dt characteristics
Ambient Temperature		Operating range is from 0°C thru 40°C (32°F thru 104°F)