

External Inputs	Milliamp Input	4-20 mA Input Impedance - 250 ohms
	Analog Input	0-10 Vdc Signal / 0-5 Vdc Signal - 100k ohms input impedance
	Manual Control	10k ohm, 2 watt potentiometer, linear taper (customer provided)
Output Current Rating (Model dependent)		10 to 1000 Amps
Output Stage		Back to Back configuration (AC Switch)
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		Factory set for initial half-second of operation at power on. Field adjustable via potentiometer from 0.5 seconds to 20 seconds.
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	Gain	4-20mA, 0-5 Vdc, 0-10 Volts
	Offset	50% of gain maximum
Regulation (Option R)		Optional Feature to provide Average Load Voltage regulation of +/-2% over a +/-10 % line voltage input change.
Protective Networks	Optional Fusing	I ² T fuse protects against short-circuit overloads (Option F)
	Transient Voltage Suppressor	Integral MOV (Metal Oxide Varistor) protects against high potential transient voltage
	SCR Peak Inverse Voltage (PIV Rating)	1500V for all models.
	RC Snubber	RC snubber networks prevent false firing due to dv/dt characteristics
Ambient Temperature		Operating range is from 0°C thru 40°C (32°F thru 104°F)