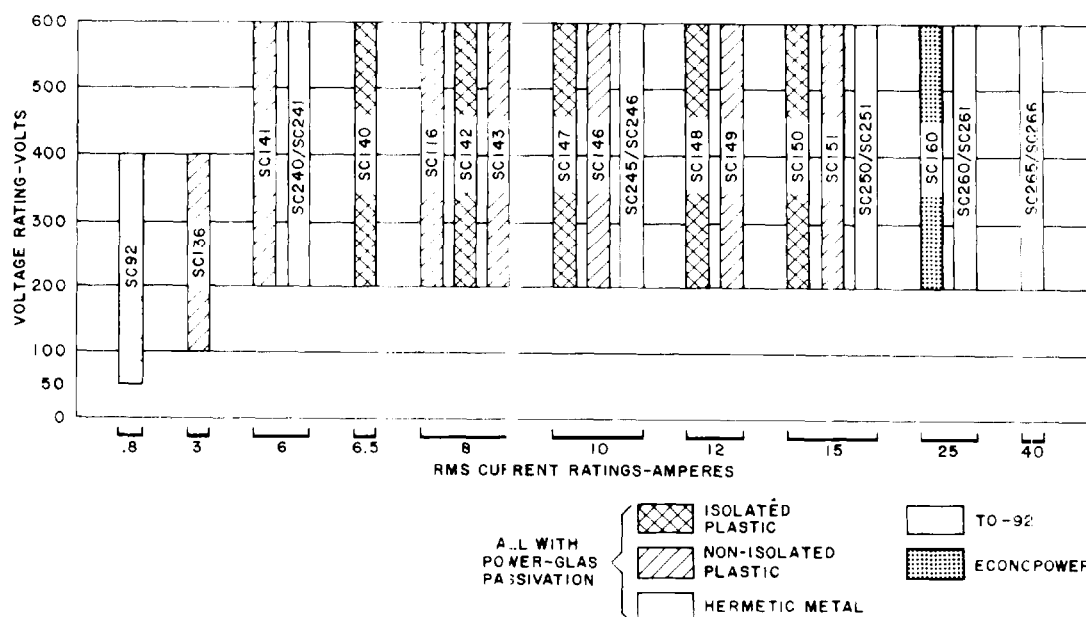


TRIAC SELECTOR GUIDE



TRIAC TRIGGERS

The ST2 (diac) is a silicon bi-directional diode which may be used for triggering triacs or SCR's. It has a three layer structure with negative resistance switching characteristics in both directions.

GE Type	V_{S2} Switching Voltage		V_{S1} Switching Voltage		I_{S2}, I_{S1} Switching Current Max. (μA)	Pulse Output Min. (V)	Package Outline No.
	Min. (V)	Max. (V)	Min. (V)	Max. (V)			
ST2	28 [†]	36 [†]	28 [†]	36 [†]	200	3.0	A

[†] For ST2, $V_{S2} = V_{S1} \pm 10\%$

BIDIRECTIONAL TRIGGER DIODE (DIAC)

	$V_{(BO)+}$ & $V_{(BO)-}$			I_{BO}	ΔV at ΔI		V_{SYM}	P_{AV}
	MIN VOLTS	TYP VOLTS	MAX VOLTS	MAX mA	MIN VOLTS	MIN mA	MIN VOLTS	MAX mW
ST2	28	32	36	1.0	6.0	10	5.0	150