

Industrial Power Modules (cont'd)

Hybrid Modules

ECG No.	5700	5701	5702	5703	5704	5705
Description	Single Phase, Hybrid Bridge, Common Cathode, Freewheeling Diode	Single Phase, Hybrid Bridge, Common Anode, Freewheeling Diode	Single Phase All SCR Bridge	SCR AC Switch	Hybrid Doubler	SCR Doubler
Terminal Positions						
Schematic Diagrams						

▲ For transient protection a metal oxide varistor (MOV) may be connected across Terminals AC1 and AC2 externally.

Electrical Characteristics

Symbol	Rating	Unit
V _{DRM}	1200	V
I _T (AV)*	12.5	A
I _T (RMS)*	28	A
I _{o†}	25	A
I _{TSM} (1 Cycle)	375	A
i ² T	580	A ² sec
V _F (Max)	1.35	V
I _h	100	mA
P _{GT} (Max)	11	W
I _{GT} (Max)	60	mA
V _{GT} (Max)	2	V
dv/dt	200	V/μsec
V _{ISO}	2500	V
Terminal Torque	35-50	In. Lb.

* Per SCR or Rectifier

† Rating for ECG5700, ECG5701 and ECG5702 only

Module Outline

Fig. M2

