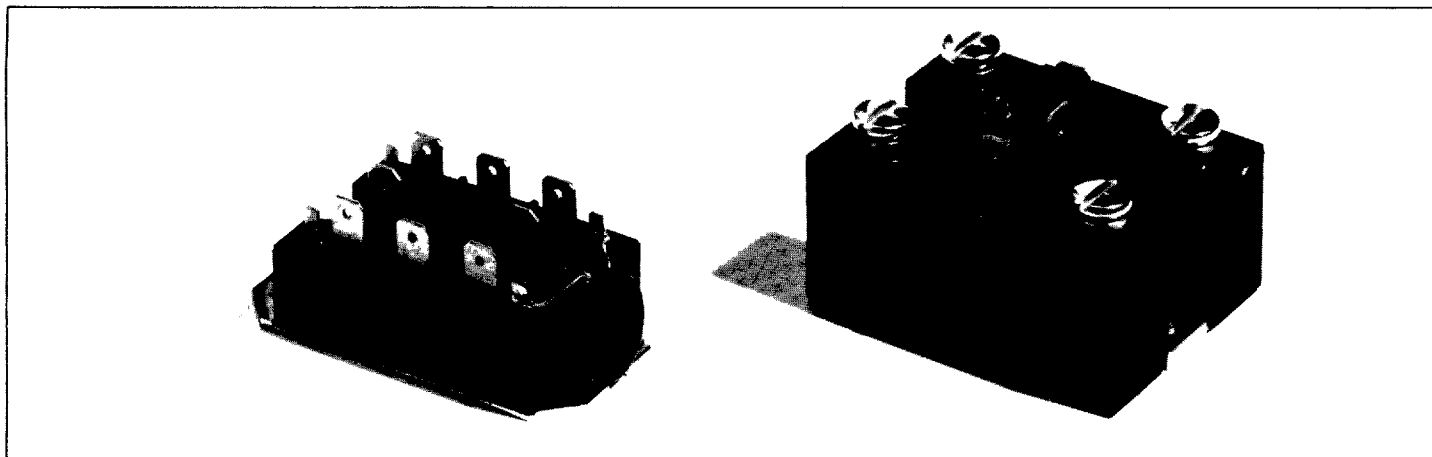


POWER MODULES



Average output current @ Base plate temp. 85°C		25A		50A	
Input voltage (RMS)		120	240	120	240
NATIONAL PART NUMBERS	Complete circuit	WV2BH25C	WV2BH25E	P231K	P232K
	W/O F.W. Diode	Avail.	Avail.	Avail.	Avail.
	W/O MOV protector	Avail.	Avail.	Avail.	Avail.
	W/O either option	Avail.	Avail.	Avail.	Avail.
I_{TSM} Peak one cycle surge current (PK Amps)		300		600	
I_{2t} For fusing at 8.3 msec (A ² sec)		370		1500	
V_{TM} Max. peak on-state volts @ peak amps., T _J = 25°C		1.6 50A		1.6 100A	
dv/dt Min. rate of voltage rise (V/μsec)		20		20	
V_{GT} Max gate volts		2.5		3	
I_{GT} Max. gate current		50		150	
Isolation voltage (RMS)		2500		2500	
R_{θCS} Thermal impedance Case-to-Sink (°C/W)		.1		.1	
Ambient temperature range °C		- 40 to + 125		- 40 to + 125	
T_J Max junction operating temperature °C		125		125	
Package Outline Number		MO-12		MO-14	

Circuit

