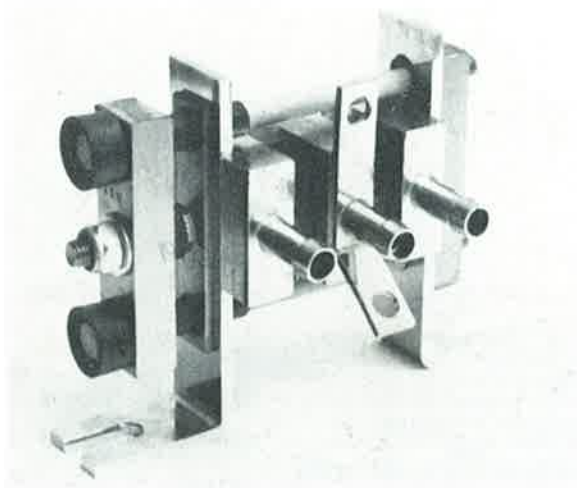


HEAT EXCHANGER

FWS



MAXIMUM ALLOWABLE RATINGS:	FWS 218	FWS 298
Maximum off-state and reverse blocking voltage.....	1400 V	1400 V
Switch RMS-current (100% duty, sinusoidal).....	300 A	550 A
Peak one-cycle on-state surge current I_{TSM}	3400 A	4900 A
Maximum SCR junction operating temperature.....	125°C	125°C
Maximum water temperature.....	40°C	40°C
Steady state thermal impedance SCR junction to water, 180° conduction, single phase 4 LPM water flow rate.....	0.18°C/W	0.13°C/W

