

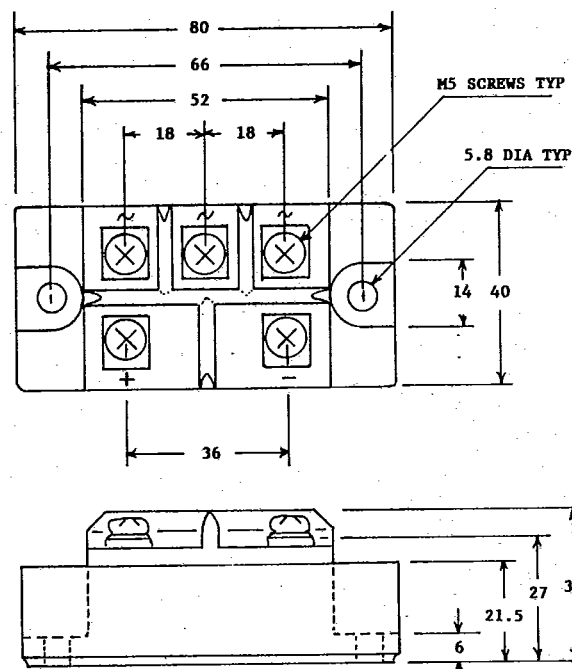
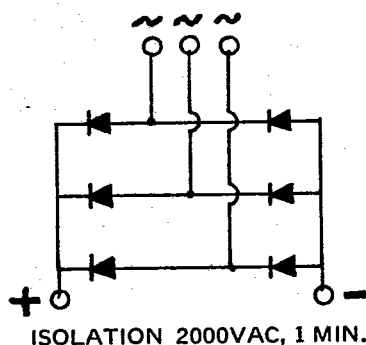


75 Amp Silicon Bridge Rectifiers

2238792 COLLMER SEMICONDUCTOR INC

74C 00718 D 7.23-09

- 3 PHASE, FULL WAVE
- GLASS PASSIVATED
- RUGGED SCREW TERMINALS
- ISOLATED BASE
- INDUSTRIAL QUALITY



ITEM		SYMBOL	CONDITION	ESAG32		UNIT
				-06T	-08T	
Voltage Ratings	Repetitive Peak Reverse Voltage	V_{RRM}		600	800	V
	Non-Repetitive Peak Reverse Voltage	V_{RSM}		660	880	V
Current Ratings	Average Output Current	I_O	60Hz, Sine Wave $T_c = 65^\circ\text{C}$	75		A
	One Cycle Surge Current (50Hz)	I_{FSM}	From Rated Load	1000		A
	I^2t	I^2t	From Rated Load	4000		A^2s
Forward Voltage		V_{FM}	$T_j = 25^\circ\text{C}, I_{FM} = 75\text{A}$	1.1		V
Reverse Current		I_{RRM}	$T_j = 150^\circ\text{C}, V_R = V_{RRM}$	10		mA
Thermal Resistance		$R_{th(j-c)}$	Junction to case per total loss	0.25		$^\circ\text{C/W}$
Temperature Ratings	Operating Junction Temperature	T_j		-40 to +150		$^\circ\text{C}$
	Storage Junction Temperature	T_{stg}		-40 to +150		$^\circ\text{C}$
Mechanical Ratings	Mounting Torque			25 ± 5		$\text{Kg}\cdot\text{cm}$

COLLMER SEMICONDUCTOR, INC. reserves the right to make changes in these specifications at any time and without notice in order to supply the best product possible.

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