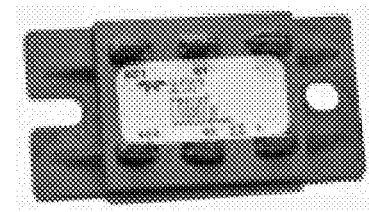
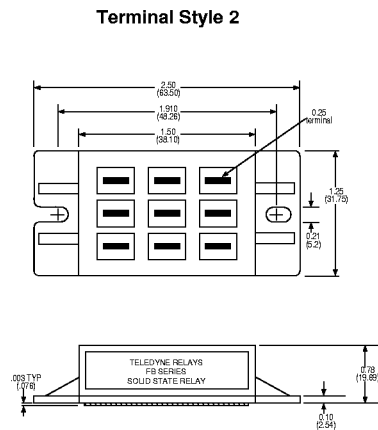
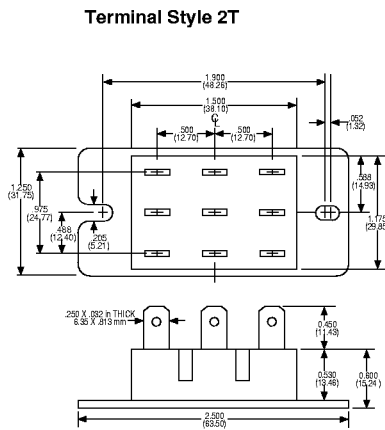


PART NUMBERS

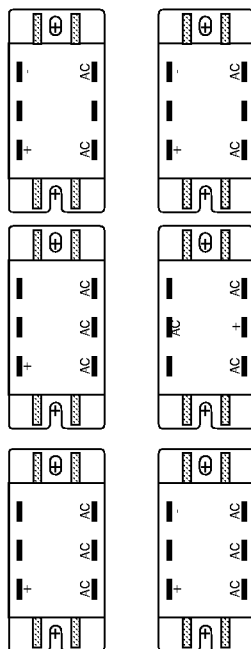
Package Style	Circuit Type	AC Line Voltage	Option	Terminal Designator	
FB48 Series Designator	3 Single Phase Full Wave	B400 120 Vac	-012 EZ Mount™	-2T Standard	
	4 Three Phase Half Wave	C600 240 Vac		-2 Isolation Barrier	
	5 Three Phase Full Wave	E1000 380 Vac			
			F1200 480 Vac		

Part Number Example: **FB483B-012-2T**

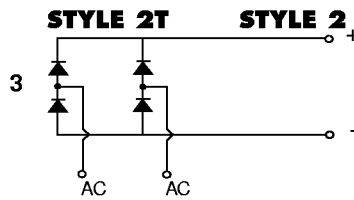
MECHANICAL SPECIFICATION



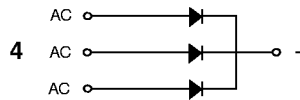
TERMINAL ASSIGNMENTS



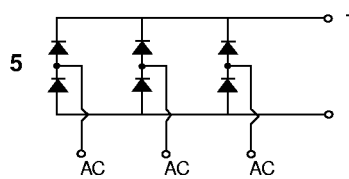
SERIES FB48 CIRCUITS



Single phase



Three phase



Three phase

ELECTRICAL SPECIFICATIONS

SYMBOL SPECIFICATION		SINGLE PHASE	THREE PHASE
I_D	Maximum DC Output Current @ $T_c=85^\circ\text{C}$ (A)	35	50
V_F	Maximum Voltage Drop @Amps Peak	1.25V@35A	1.35V@50A
T_J	Operating Junction Temperature Range	-40°C to +125°C	
V_{RRM}	Repetitive Peak Reverse Voltage (AC Line)	—400 (120 Vac)—	
		—600 (240 Vac)—	
		—1000 (380 Vac)—	
		—1200 (480 Vac)—	
I_{TSM}	Maximum Non-Repetitive Surge Current (A) [1/2 Cycle, 60Hz]	600	
I^2T	Maximum I^2T for Fusing ($A^2\text{sec}$) [$t=8.3\text{ms}$]	1500	
$R_{\theta jc}$	Maximum Thermal Resistance Junction to Ceramic Base per Chip	0.9°C	
V_{ISOL}	Isolation Voltage	2500 V_{RM}	

FEATURES/BENEFITS

- Circuit Modules provide ratings up to 50 amps.
- Thermal managed construction yields superior thermal impedance and power cycling capabilities.
- Available in three circuits.
- Exposed ceramic baseplate for reduced thermal resistance and best thermal performance.
- All models have 2500 Vrms isolation.
- UL Certified: File #E66830.