Features

- Flexible mounting, for Printed Circuit Board or Panel
- Low profile
- Terminals in fast on or pin format

DESCRIPTION

These modules provide complete power control in a single package, up to 42.5 Amps various circuit design with connections for printed circuit board or panel mounting. Ceramic base with 2500 Vrms isolation. UL recognition pending.

PART NUMBER IDENTIFICATION			EX.: CT674
Circuit Type	Current	Circuit type	Voltage
T - Case style	5 - 25 Amps 6 - 42.5 Amps	(See schematics diagram)	1 - 120 2 - 240
		Any type of Bridge Free Wheeling Diode "F"	3 - 280 4 - 480

ELEC	TRICAL SPECIFICATION	5	6
SYMBO	L SPECIFICATION	RATINGS	
ID	Maximum DC Output Current (Tc = 85°C)	25 Amps	42.5 Amps
V _F	Maximum Voltage Drop @ Amps Peak	1.80V @ IF=25A	1.60V @ IF=42.5A
T _J	Operating Junction Temperature Range	-40°C to	+125°C
di/dt	Critical Rate of Rise of On-State Current @ TJ=125°C	100A/μs	100A/μs
dv/dt	Critical Rate of Rise of Off-State Voltage [V/µs]	200V/μs	200V/μs
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 $\binom{1}{2}$ Cycle, 60Hz)	300A	600A
I ² T	Maximum I ² T for Fusing (t=8.3ms) [A ² sec]	375	1500
R_{qJC}	Maximum Thermal Resistance Junction to Ceramic Base per Chip	0.9°K/W	0.7°K/W
V _{ISOL}	Isolation Voltage	2500 V _{RMS}	2500 V _{RMS}

MECHANICAL SPECIFICATIONS

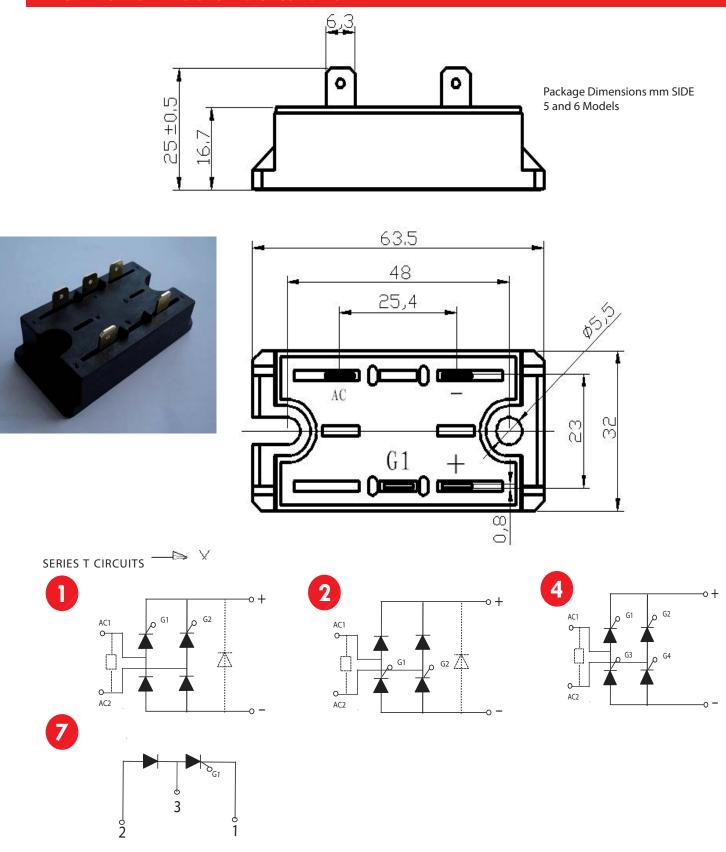
Weight: (typical) 1.7 oz. (43g)

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MECHANICAL DIMENSIONS AND CIRCUIT DIAGRAM



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