

INPUT / OUTPUT SPECIFICATION

VOLTAGE: 100-240 VAC, Universal

FREQUENCY: 50/60Hz

CURRENT: 1.5 ARMS. MAX @115 Vac 45W LOAD

INRUSH SURGE CURRENT: 30A TYPICAL, COLD START@25 Degree, 115Vac

OUTPUT WATTAGE: 19.8Watts ~48.6Watts MAX (Convection Rating)

LINE REGULATION: +/- 0.5 % Typical

LOAD REGULATION: Main Outputs +/- 3%, Aux Outputs +/- 10% Typical (Note1)

NOISE & RIPPLE: 1 % Typical At Full Load (Note2)

OVERLOAD / VOLTAGE PROTECTION: TYPICALLY 115~200% CONTINUOUS HICCUP MODE

SHORT CIRCUIT PROTECTION: CONTINUOUS HICCUP MODE

MODEL	VOLTAGE (VDC)	LOAD RANGE			LINE REGULATION	LOAD REGULATION	RIPPLE & NOISE	EFFICIENCY (%)
		MIN.	MAX	PEAK	(%)	(%)		Typically
LTE45FS-S0	3.3V	0A	6.0A	6.6A	±0.5%	3.201~3.399Vdc(±3%)	66mVp-p(2%)	72
LTE45FS-S1	5.0V	0A	6.0A	6.6A	±0.5%	4.85~5.15Vdc(±3%)	75mVp-p(1.5%)	77
LTE45FS-SY	9.0V	0A	5.0A	5.5A	±0.5%	8.73~9.27Vdc(±3%)	90mVp-p(1%)	80
LTE45FS-S2	12V	0A	3.75A	4.0A	±0.5%	11.64~12.36Vdc(±3%)	120mVp-p(1%)	82
LTE45FS-S3	15V	0A	3.0A	3.3A	±0.5%	14.55~15.45Vdc(±3%)	150mVp-p(1%)	82
LTE45FS-S4	24V	0A	2.0A	2.2A	±0.5%	23.28~24.72Vdc(±3%)	240mVp-p(1%)	83
LTE45FS-SR	30V	0A	1.6A	1.8A	±0.5%	29.1~30.9Vdc(±3%)	300mVp-p(1%)	82
LTE45FS-S5	48V	0A	1.0A	1.1A	±0.5%	46.56~49.44Vdc(±3%)	480mVp-p(1%)	85
LTE45FS-S6	36V	0A	1.35A	1.5A	±0.5%	34.92~37.08Vdc(±3%)	360mVp-p(1%)	83
LTE45FS-S7	56V	0A	0.8A	0.9A	±0.5%	54.32~57.68Vdc(±3%)	560mVp-p(1%)	85

NOTE: 1. LOAD REGULATION TESTED AT 0 ~100% OF MAX LOAD

2. PEAK-TO-PEAK FOR 19.8W~48.6W (CONVECTION RATING) @85VAC MIN. ; MEASUREMENTS WITH A 20MHz BANDWIDTH AND TERMINATED WITH A 10uF ELECTROLYTIC CAP. IN PARALLEL WITH A 0.1uF CERAMIC CAP.

ENVIRONMENTAL:

OPERATING TEMPERATURE : -20°C TO 50°C AMBIENT, DERATED EACH OUTPUT AT 2.5% PER °C FROM 50°C TO 70°C

STORAGE TEMPERATURE : -40°C TO 85°C

HUMIDITY : OPERATING, NON-CONDENSING, 5% TO 95%

VIBRATION : RANDOM OPERATING 2.4 GRMS/MAX. 3 AXES 50~500Hz 10 MINUTES/AXIS

SHOCK : OPERATING HALF SINE 20 GPK/MAX. 3 AXES 10mS 6 SHOCKS TOTAL

GENERAL SPECIFICATION:

TURN-ON TIME: 2SEC MAX AT FULL LOAD @ 115VAC

HOLD-UP TIME: 16MS TYPICAL AT FULL LOAD @ 115VAC

MTBF DEMONSTRATED: > 100,000 HOURS AT FULL LOAD AND 25 DEGREE AMBIENT CONDITIONAL

ELECTROMAGNETIC COMPATIBILITY SPECIFICATIONS:

EMI CONDUCTED/RADIATED: FCC & CISPR CLASS B

DESIGNED TO MEET EN61000-3-3,-4-2,-3,-4,-5,-6,-8,-11

CONNECTOR TYPE & PIN ASSIGNMENTS

CONNECTOR NO.	CONNECTOR TYPE	CONNECTOR MATING TYPE	PIN NUMBER	SIGNAL
CON1 INPUT	MOLEX 09-65-2038 OR EQUIVALENT	MOLEX 09-52-4034 OR EQUIVALENT	PIN1/PIN2	L/N
CON2 OUTPUT	MOLEX 09-65-2048 OR EQUIVALENT	MOLEX 09-52-4044 OR EQUIVALENT	PIN1~2/PIN3~4	V+ / RTN

DIMENSION (WxLxH): 2" x 4" x 1.02"

