

VSFL50-S SPECIFICATIONS

MODEL		VSFL50-05	VSFL50-09	VSFL50-12	VSFL50-15	VSFL50-24
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC125 ~ 370V), 50/60Hz (47 ~ 440Hz) User Selectable				
	CURRENT [A]	110V	1.2 (I _c =100%)			
		220V	0.6 (I _c =100%)			
	EFFICIENCY [%]	110V	70 typ	71 typ	71 typ	75 typ
220V		70 typ	73 typ	73 typ	77 typ	78 typ
INRUSH CURRENT		20A typ(AC IN 110V, I _c =100%), 40A typ(AC IN 220V, I _c =100%) at cold start.				
OUTPUT	VOLTAGE [V]	5	9	12	15	24
	CURRENT [A]	10	5.5	4.2	3.3	2.1
	REGULATION, LINE [mV]	25 Max	45 Max	60 Max	75 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	90 Max	120 Max	150 Max	240 Max
	RIPPLE [mVp-p]	50 Max	90 Max	120 Max	150 Max	240 Max
	RIPPLE, NOISE [mVp-p]	100 Max	140 Max	170 Max	200 Max	290 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	135 Max	180 Max	225 Max	360Max
	RISE TIME [ms]	600 Max (AC IN 110V/220V, I _c =100%)				
	HOLDING TIME [ms]	16 typ (AC IN 110V/220V, I _c =100%)				
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically				
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating				
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)				
	INPUT-CASE, FG	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)				
	OUTPUT-CASE, FG	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)				
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +50°C, 30 ~ 90% RH(Non condensing)				
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non condensing)				
	VIBRATION	10 ~ 55Hz at 2G, 3 minutes period, 30 minutes along X, Y and Z axis				
	IMPACT	10G for 20ms once on each X, Y and Z axis				
SAFETY	SAFETY REGULATION	Built to meet UL60950-1, EN 60950-1				
	LINE CONDUCTED RF VOLTAGE	Built to meet EN 55022-A				

VSF50, 50A, L50-S EXTERNAL VIEW

