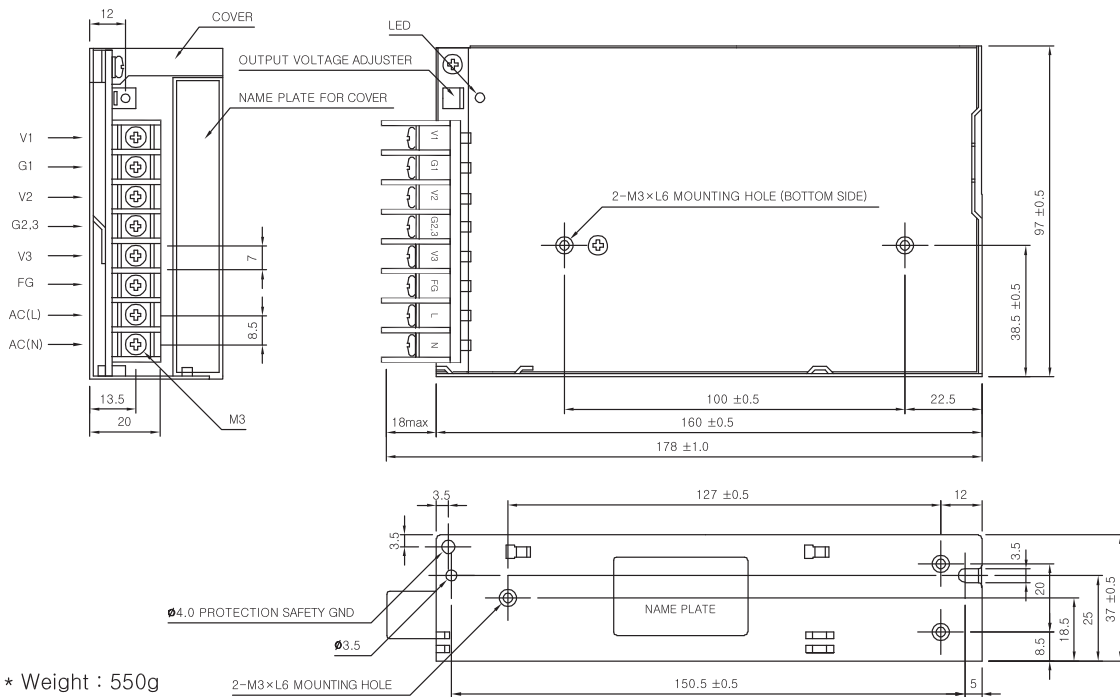


MSF50-TRIPLE SPECIFICATIONS



MODEL		MSF50-BDB			MSF50-DD			MSF50-EE			MSF50-BDH		
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC110 ~ 370V), 50/60Hz (43 ~ 440Hz) Universal Input.											
	CURRENT [A]	110V	1.5 (I _o =100%)										
		220V	0.75 (I _o =100%)										
	EFFICIENCY [%]	110V	72 typ			72 typ			72 typ			72 typ	
220V		20A typ(AC IN 110V, I _o =100%), 40A typ(AC IN 220V, I _o =100%) at cold start.											
OUTPUT	VOLTAGE [V]	5	12	-5	5	12	-12	5	15	-15	5	12	24
	CURRENT [A]	1.4 ~ 7	0.3 ~ 1	0.15 ~ 0.5	1 ~ 5	0.3 ~ 1	0.3 ~ 1	0.8 ~ 4	0.3 ~ 1	0.3 ~ 1	0.6 ~ 3	0.3 ~ 1	0.3 ~ 1
	REGULATIONS, LINE [mV]	100 Max	1200 Max	500 Max	100 Max	1200 Max	1200 Max	100 Max	1500 Max	1500 Max	100 Max	1200 Max	2400 Max
	REGULATIONS, LOAD [mV]	100 Max	1200 Max	500 Max	100 Max	1200 Max	1200 Max	100 Max	1500 Max	1500 Max	100 Max	1200 Max	2400 Max
	RIPPLE [mVp-p]	50 Max	120 Max	50 Max	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max	50 Max	120 Max	240 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	100 Max	100 Max	170 Max	170 Max	100 Max	200 Max	200 Max	100 Max	170 Max	290 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	75 Max	75 Max	180 Max	180 Max	75 Max	225 Max	225 Max	75 Max	180 Max	360 Max
	RISE TIME [ms]	1000 max (AC IN 110V, I _o =100%)											
	HOLDING TIME [ms]	16 typ (AC IN 110V, I _o =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 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)											
	INPUT-CASE, FG	AC 2,000V 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, 20 ~ 90% RH(Non condensing)											
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non condensing)											
	VIBRATION	10~55Hz at 1G, 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	UL, C-UL, CE			UL, C-UL, CE			UL, C-UL, CE			UL, C-UL, CE		
	LINE CONDUCTED RF VOLTAGE	Complied with FCC Part15 and EN55022 Class A Limits											

MSF50-TRIPLE EXTERNAL VIEW



- * Weight : 550g
- * Tolerance : ±1
- * Dimensions in mm