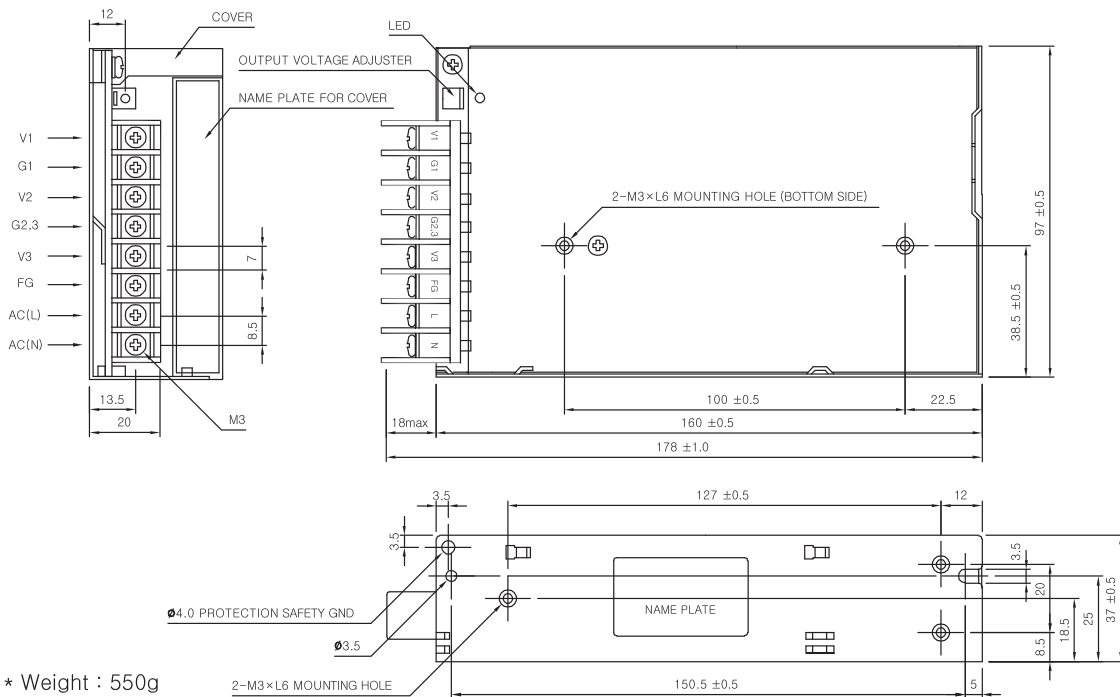


MSF50-TRIPLE SPECIFICATIONS



| 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 | | 72 typ | | | | | | | | | | | |
| INRUSH CURRENT | | 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