



### Features

- Compact, Low Cost & High Reliability
- PROTECTION : Short-circuit, Over voltage & Overload
- 100% Full Load Burn-in test
- LED Indicator for Power on
- Cooling by free air convection
- CE Marked on all models
- 1 Year Warranty



### INPUT SPECIFICATION

Voltage Range	100-120VAC 200-240VAC
Frequency Range	47 ~ 63Hz
Efficiency	MS-75-5 : 73%
AC Current (typ.)	2A / 115VAC ; 1A / 230VAC
Inrush Current (typ.)	30A / 115VAC ; 60A / 230VAC(for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

### OUTPUT SPECIFICATION

Rated Current	MS-75-5 : 15.0A
Rated Power	75Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise(max)	100mVp-p
Setup Time	800ms / 150VAC, 300ms / 230VAC at full load
Rise Time	50ms / 150VAC, 50ms / 230VAC at full load
Hold Time(Typ.)	10ms / 150VAC, 80ms / 230VAC at full load

### PROTECTION

Overload	105% to 150% rated load current Protection Type : Hiccup mode, recovers automatically after fault condition is removed
Overvoltage	Protection Type : Shutdown output voltage, re-power on to recover

### ENVIRONMENT

Temperature	Working : -10°C to +60°C (derating is required according to temperature) Storage : -20°C to +85°C (with no icing or condensation)
Humidity	Working : 20% to 90% RH Storage : 10% to 95% RH
Vibration Resistance	10 to 500Hz, 10min/1cycle (2G) for 60min each in X, Y, Z directions

### STANDARDS

Safety Standards	Meet the UL1012, EN6050 Approved
EMC Standards	Meet the En55022, IEC801-2,3,4, IEC555-2

### SECURITY

Isolation Resistance	I/P and O/P ; I/P and FG ; O/P and FG : 100MΩ at 500VDC, 25°C, 70% RH
Dielectric Strength	Between I/P and O/P : 1.5kVAC for 1 min Between I/P and F.G : 1.5kVAC for 1 min Between O/P and F.G : 0.5kVAC for 1 min

### OTHER SPECIFICATION

Weight	0.55kg
Dimension (L*W*H)	111*78*36 mm

### ORDER CODE

MODEL	VOLTAGE	CURRENT
MS-75-5	5VDC	15.0A

### DIMENSIONS

#### MS-75

#### Terminal Pin No. Assignment

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG
4	DC OUTPUT -V
5	DC OUTPUT +V

#### Dimension

PARAMETER	VALUE
Length	111mm
Breadth	78mm
Height	36mm
Weight	0.55kg

