

#### **Features**

- Compact, Low Cost & High Reliability
- 100% Full Load Burn-in Test
- PROTECTION: Shortcircuit, Overvoltage & Overload
- CE Marked on all models
- Cooling by free air convection
- 1 Year Warranty



#### **INPUT SPECIFICATION**

Voltage Range	100 - 240VAC
Frequency Range	47 - 63Hz
Efficiency	LRS-75-12:89%
Liliciency	LRS-75-24:90%
AC Current (typ.)	1.4A / 115VAC ;0.85A / 230VAC
Inrush Current (typ.)	50A / 230VAC (for cold start at 25°C)
Leakage Current	<1mA / 240VAC

#### **OUTPUT SPECIFICATION**

	Rated Current	LRS-75-12 : 6.3A
		LRS-75-24: 3.2A
	Rated Power	75Watts
	Voltage ADJ. Range	±10% (with V.ADJ)
	Voltage Tolerance	±1%
	Ripple & Noise(max)	LRS-75-12: 120mVp-p
		LRS-75-24: 150mVp-p
	Setup Time	500ms / 230VAC, 500ms / 115VAC at full load
	Rise Time	30ms / 230VAC, 30ms / 115VAC at full load
	Hold Time(Typ.)	60ms / 230VAC, 12ms / 115VAC at full load

## **PROTECTION**

Overload	110% 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: -30°C to +70°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 (2 G) for 60min each in X, Y, Z directions

### **STANDARDS**

Safety Standards	Accord with GB9254
EMC Standards	Meet the EN55022 CLASS B Equipment
Harmonic Current	Compliance to EN61000-3-2,-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61000-6-2,Heavy Industry level

#### 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	

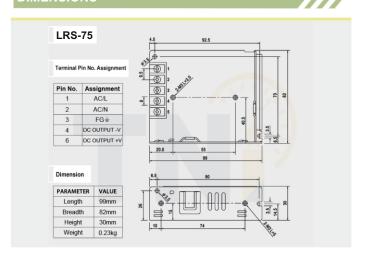
# OTHER SPECIFICATION

Weight	0.2kg
Dimension (L*W*H)	99*82*30 mm

#### ORDER CODE

MODEL	VOLTAGE	CURRENT
MODEL	VOLTAGE	CURRENT
LRS-75-12	12VDC	6.3A
LRS-75-24	24VDC	3.2A

#### DIMENSIONS



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