



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% 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
LRS-75-12	12VDC	6.3A
LRS-75-24	24VDC	3.2A

DIMENSIONS

LRS-75

Terminal Pin No. Assignment

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

Dimension

PARAMETER	VALUE
Length	99mm
Breadth	82mm
Height	30mm
Weight	0.23kg

