

Features

- 230VAC / 110VAC Input
- PROTECTION: Short-circuit, Over voltage & Overload
- Compact, Low Cost & High Reliability
- 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 - 240VAC

Frequency Range 47 - 63Hz

LRS-150-12: 87%

LRS-150-24: 89%

LRS-150-48: 90%

AC Current (typ.) 2.8A / 115VAC; 1.6A / 230VAC

Inrush Current (typ.) 60A / 230VAC (for cold start at 25°C)

Leakage Current < 0.75mA / 240VAC

OUTPUT SPECIFICATION

LRS-150-12: 12.5A Rated Current LRS-150-24: 6.5A LRS-150-48: 3.3A Rated Power 150Watts Voltage ADJ. Range ±10% (with V.ADJ) Voltage Tolerance ±1% LRS-150-12: 150mVp-p LRS-150-24: 200mVp-p Ripple & Noise(max) LRS-150-48: 200mVp-p Setup Time 500ms / 230VAC; 500ms / 115VAC at full load 30ms / 230VAC; 30ms / 115VAC at full load Rise Time Hold Time(Typ.) 40ms / 230VAC ; 35ms / 115VAC at full load

PROTECTION

Overload

110% to 140% rated load current
Protection Type: Hiccup mode, recovers
automatically after fault condition is removed
Protection Type: Shutdown output voltage,
re-power on to recover

ENVIRONMENT

Working: -30°C to +70°C
(derating is required according to temperature)
Storage: -40°C to +85°C
(with no icing or condensation)

Working: -40% to +85% RH
Storage: 10% to 95% RH

Temperature
Coefficien

10 to 500Hz, 10min/1cycle (2 G) for 60min each in X, Y, Z directions

STANDARDS

Safety Standards Meet the ULGB4943, UL60950, EN60950
Meet the EN55022, EN61000-3-2,
EMC Standards EN61000-3-3, EN55024, GB9254
CLASS B Equipment

SECURITY

I/P and O/P; I/P and FG; O/P and FG: 100MΩ at 500VDC, 25°C, 70% RH

Between I/P and O/P: 3.75kVAC for 1 min

Between I/P and F.G: 2kVAC for 1 min

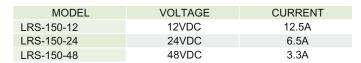
Between O/P and F.G: 1.25kVAC for 1 min

OTHER SPECIFICATION

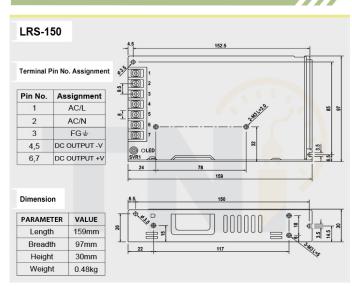
 Weight
 0.48kg

 Dimension (L*W*H)
 159*97*30 mm

ORDER CODE



DIMENSIONS



E-mail: sales@tnicontrols.com | Tel: +91-8080654441