

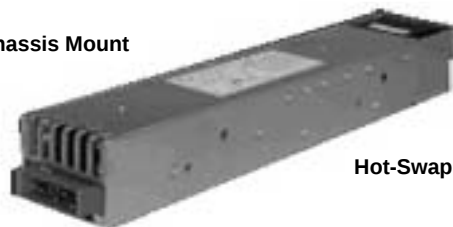
SLIMLINE COMPACT 1U FRONT-ENDS

Up to 400 Watts with Hot Swap & Chassis Mount Models

FEATURES

- 12, 24 or 48 VDC Outputs
- Class B Conducted EMI
- Up to 11 Watts/Cubic Inch
- 1U High Slimline Package
- Hot-Swappable & Chassis Mount Models
- Staged Pin Engagement
- Low Drop ORing Circuit
- Droop Current Sharing
- Universal 85 to 264VAC Input
- Control & Monitoring Features

Chassis Mount



Hot-Swap

Hot-Swap Models Shown



TWO-YEAR WARRANTY

STANDARD MODELS

OUTPUT VOLTAGE	OUTPUT CURRENT	MAX. OUTPUT POWER	INPUT VOLTAGE	MODEL NUMBER	CHASSIS MOUNT	HOT PLUG
12VDC	17A	200W	85-264VAC	L12-17-09	X	
24VDC	9A	200W	85-264VAC	L24-9-09	X	
48VDC	4.2A	200W	85-264VAC	L48-4.2-03-RH6		X
12VDC	33A	400W	85-264VAC	LE12-33-05-RH6		X
48VDC	8.3A	400W	85-264VAC	LE48-8.3-03-RH6		X

Contact the factory for other non-standard models.

SAFETY STANDARDS

- UL60950-1
- CSA22.2, No. 60950-1
- EN60950-1

SPECIFICATIONS, 1U FRONT ENDS

Typical at Nominal 115/230VAC Line, Full Load and 25°C Unless Otherwise Noted.

OUTPUT SPECIFICATIONS

Total Output Power, Continuous, Max 200-400 Watts
Voltage Adjustment Range, Min. ±5%
Total Regulation,¹ 3.0%
Ripple & Noise, Pk-Pk, 20MHz Bandwidth 1%
Holdup Time 8-16mS
Dynamic Response 500μS
Minimum Load 0A
Overload Protection Auto Recovery
Overvoltage Protection Latched Shutdown
Remote Sense Up to 0.25V Per Wire
Current Share ±10% Full Load Rating Typical
DC Power Good Signal Note 2
Overtemperature protection All Units Shutdown
Overtemp / Fail Fan Option LE12 model Note 3

INPUT SPECIFICATIONS

L Series 85-264VAC
For operation from 100VAC to 85VAC derate output current linearly to 85%
LE Series 85-264VAC
For operation from 105VAC to 85VAC derate output current linearly to 80%
Power Factor 0.99
Input Frequency 47-63VAC
Inrush Current Limiting, 230VAC-50A
..... 115VAC-25A
Harmonic Distortion EN61000-3-2

GENERAL SPECIFICATIONS

Efficiency 75-80% at Full Load
Conducted EMI EN55022 Curve B
..... FCC20780 pt 15J Curve B
Input Immunity, Conducted
Fast Transients, Line-Line ±2kV (EN61000-4-4 Level 3)
Surges, Line-Line ±2kV (EN61000-4-5 Level 3)
Surges, Line-Ground ±4kV (EN61000-4-5 Level 3)
MTBF (Bellcore) 200,000 Hours
Safety Standards EN60950, UL160950, CSA22.2 No.60950

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to 70°C Ambient
Derating 2.5% / °C, 50°C to 70°C
Storage Temperature -40°C to +85°C
Cooling Integral Ball Bearing Fan

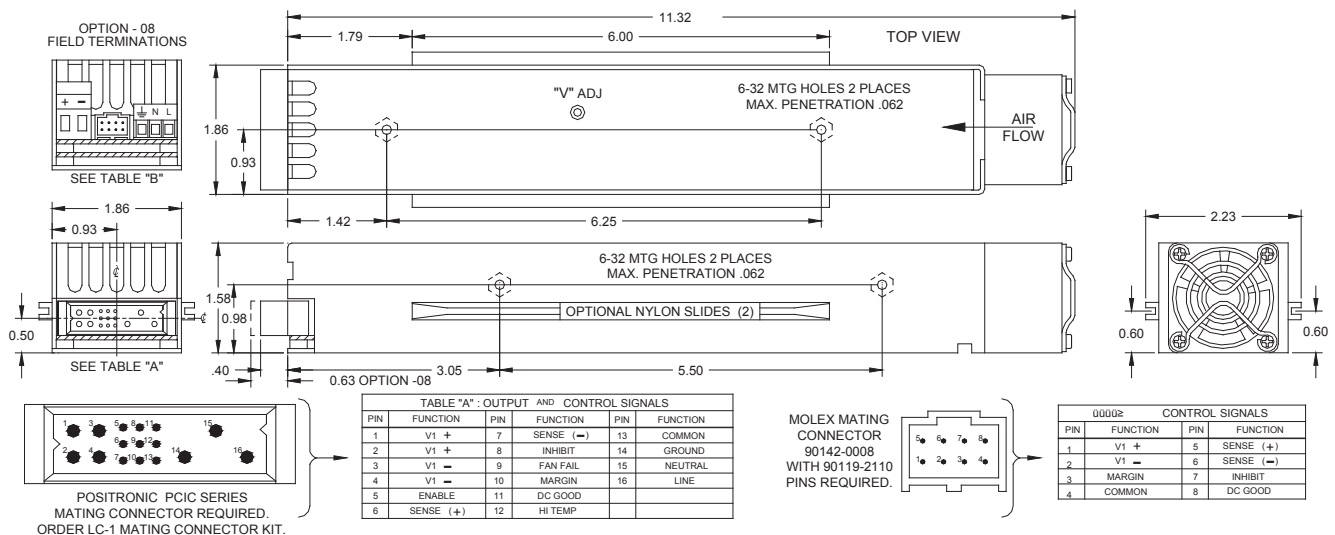
PHYSICAL SPECIFICATIONS

Case Material Aluminum
Dimensions, Inches (mm)
200W 1.58 H x 1.86 W x 11.32 D
..... (40.13 x 47.24 x 287.53)
400W 1.58 H x 2.10 W x 11.32 D
..... (40.13 x 53.34 x 287.53)
Weight 2.00 lbs. (0.90 kg.)

NOTES:

1. No load to full load, including line and load regulation including droop current share.
2. TTL compatible open collector Output Fail referenced to common pin when output drops by 10% or more.
3. Hi-Temp: TTL compatible logic signal provides warning when unit approaches thermal shutdown. Fan Fail: TTL compatible logic signal provides warning when fan speed is inadequate to cool unit.

L SERIES DRAWING



ALL DIMENSIONS IN INCHES (mm).
All specifications subject to change without notice.

L-LE-slimline-ds022111

LE SERIES DRAWING

