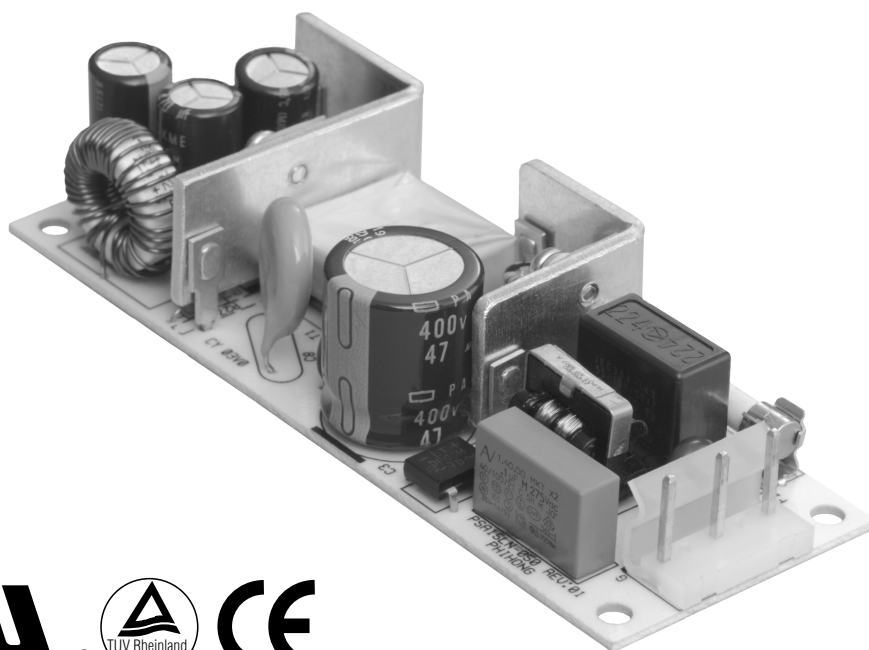


15 W Universal Input, Compact PCB, 3.3 to 24VDC PSA-15LN Single Output OEM Open Frame



Features

- Compact 1.57 x 4.33" PCB
- CISPR 22B; FCC B EMI
- Low 1 Inch Profile
- Optional 2 Wire AC Version

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- UL 1950
- CSA 22.2 950-M95
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 110mm (4.33in)
 - Width: 40mm (1.57in)
 - Height: 25.4mm (1.00in)
 - Weight: 100gm (3.5oz)

Output Specifications

Model (3 Wire Version) ⁽²⁾	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA-15LN3-033	3.3V	0A	3.0A	50mV	±1%	±3%	10W
PSA-15LN3-050	5.0V	0A	3.0A	50mV	±1%	±2%	15W
PSA-15LN3-090	9.0V	0A	1.67A	90mV	±1%	±2%	15W
PSA-15LN3-120	12V	0A	1.25A	120mV	±1%	±2%	15W
PSA-15LN3-150	15V	0A	1.00A	150mV	±1%	±2%	15W
PSA-15LN3-180	18V	0A	0.83A	180mV	±1%	±2%	15W
PSA-15LN3-240	24V	0A	0.63A	240mV	±1%	±2%	15W

(1) Measured at maximum load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.

(2) For two wire input (safety Class 2), substitute "2" in the model number, e.g. PSA-15LN2-050

OPEN

ISO 9001 • BABT • MITI
Facility Approvals



ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.
Sanchung City, Taipei
Taiwan 24103, R.O.C.
Phone: 886-2-2988-2126
886-2-2980-5255
Fax: 886-2-2981-7086
886-2-2983-3222

PHIHONG USA CORPORATION

U.S. Headquarters:
48607 Warm Springs Blvd.
Fremont, CA 94539
Phone: 510-445-0100
Fax: 510-445-1678
Email: usasales@phihongusa.com
Internet: <http://www.phihongusa.com>

Phihong East:
3312 7th Street, Suite 101
Whitehall, PA 18052
Phone: (610) 434-4856
Fax: (610) 434-4857

Phihong Southwest:
3325 Cochran St., Suite 200
Simi Valley, CA 93063
Phone: (805) 520-8177
Fax: (805) 520-3907

15 W Universal Input, Compact PCB, 3.3 to 24VDC

PSA-15LN Single Output OEM Open Frame

Characteristics

INPUT:

AC Input Voltage (Operating)

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.5Arms (120VAC)

0.25Arms (240VAC)

AC Inrush Current (Cold)

30A max. (120VAC)

60A max. (240VAC)

AC Surge Immunity:

IEC 61000-4-5, Level 3

Efficiency

65% minimum

Full Load, 115VAC

OUTPUT:

Hold-up Time

16ms, Full load, 115VAC

Overvoltage Protection

120% Nominal

Over Current Protection

Auto Restart

ENVIRONMENTAL:

Operation Temperature (Convection)

0 to 50°C

Storage Temperature

-25 to +85°C

Humidity

10 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

GENERAL:

Leakage Current (254VAC)

LN2: Less than 0.25mA

LN3: Less than 0.75mA

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency

100KHz (nominal)

MTBF (Full Load, 25°C)

150K Hrs.

MIL-HDBK-217F

AC Input Connector (Molex or Equiv.)

LN2: 09-65-2038 (Pin 2 omitted)

Mates with: 09-50-7031

LN3: 09-65-2058 (Pins 2,4 omitted)

Mates with: 09-50-7051

Crimp Pin: 08-52-0072

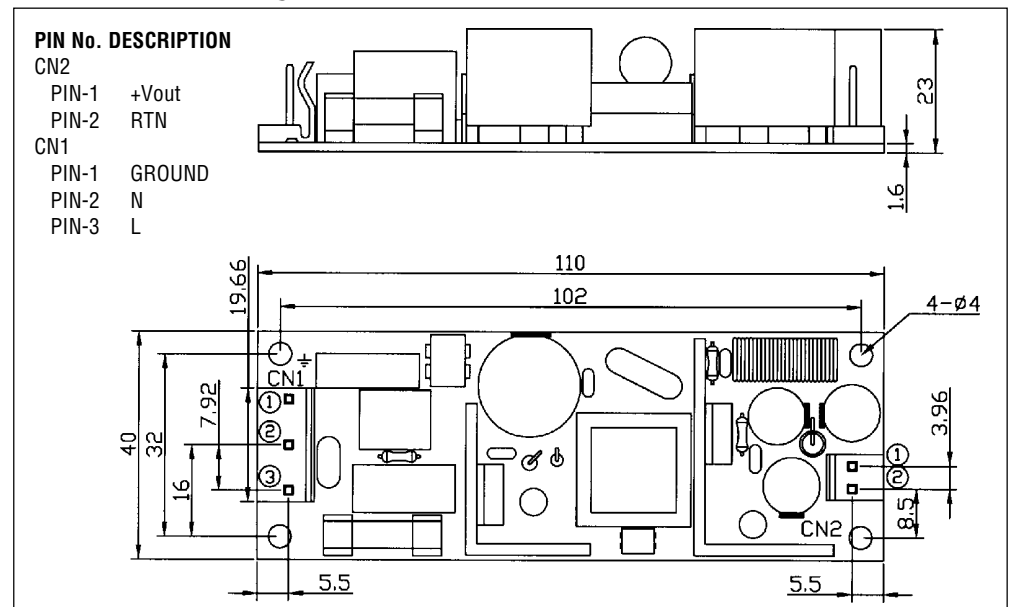
DC Output Connector

Molex 09-65-2028

Mates with: 09-50-7021

Crimp Pin: 08-52-0072

Dimension Diagram Unit: mm (inch)



PSA15LN/0009

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phihong:](#)

[PSA15LN3-120-R](#) [PSA15LN3-240-R](#) [PSA-15LN3-090](#) [PSA-15LN3-050](#) [PSA-15LN3-033](#) [PSA-15LN3-180](#) [PSA-15LN3-120](#) [PSA-15LN3-150](#) [PSA-15LN3-240](#) [PSA15LN3-150-R](#) [PSA15LN3-050-R](#)