



75 Watt Universal 3-Wire Input Adapter

PSC75U Adapter Series Meets CEC and EISA Requirements



PRELIMINARY

Features

- Class B EMI
- EISA Energy Efficient Compliance
- Non-vented/Spill-proof Case

Applications

- Networking
- Security Equipment

Safety Approvals (Pending)

- cUL/UL 60950-1
- CE
- IEC 60950-1

Mechanical Characteristics

- Length: 150.5mm (5.93 in)
- Width: 70.5mm (2.78 in)
- Height: 39mm (1.54 in)
- Weight: 475g (16.76oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSC75U-560	+56VDC	0A	1.34A	560mVp-p	±5%		IV

(1) Measured with using 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

PSC75U Characteristics

WWW.PHIHONG.COM

INPUT:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Input Current

1.5A (rms) max. @ 120VAC

0.75A (rms) max. @ 240VAC

Leakage Current

3.5mA Max. @ 264VAC/60Hz

Inrush Current (cold)

30A for 120VAC at max. load

60A for 240VAC at max. load

(Cold start @ ambient 25°C)

Input Power Saving

≤0.5W maximum

OUTPUT:

Efficiency

85% minimum average efficiency

Hold-up Time

8mS Min. @ 120VAC and Max. load

Over-voltage Protection

70 volts maximum

Over-current Protection

Output equipped with short circuit protection – auto restart

Short Circuit Protection

Output can be shorted without damage

ENVIRONMENTAL:

Temperature

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity

Operation 20% to 90% R.H.

Emissions

FCC Class B

EN55022 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 1500VAC for 1 minute, 10mA

DC Output Connector

2.1x5.5mm Center Positive Standard

Dimension Diagram Unit: mm

