

200W Computer Power Series

PSA-2054 PS2 Style-Remote AC Switch



G
N
O
T
H
E
P

Features

- Variable speed fan option
- Improved reliability & performance
- New high efficiency design
- Class B EMI filter
- Low noise (<33db) fan
- Power fail/power good signal
- Overvoltage protection
- Short circuit protection

Applications

- Personal computers
- Industrial computers
- File servers
- Network bridges

Safety Approvals

- UL 1950 (E127643)
- CSA 22.2 234 (LR56927)
- VDE 0805 IEC 950 (72967)
- Nemko NEK-60950 (A97154)

Mechanical Characteristics

- Dimensions:
- Length: 150mm (5.9in)
 - Width: 140mm (5.5in)
 - Height: 86mm (3.4in)
 - Weight: 2Kgs (3lbs 4.5oz.)

Output Specifications

Model	DC Output Voltage	Load			Ripple P-P	Total Tolerance
		Min.	Max.	Peak		
PSA-2054C	+5V	3A	20A	23A	50mV	+5%
	+12V	1A	8A	9A	100mV	+5%
	-12V	0A	0.5A	0.5A	120mV	+10%
	-5V	0A	0.3A	0.3A	120mV	+10%

Switch Option: Suffix C: Push Button CN: None, fastons only CF: Variable speed fan only

ISO 9001 • BAPT • MITI
Facility Approvals

200W Computer Power Series

PSA-2054 PS2 Style-Remote AC Switch

Characteristics

Ac Input Voltage

90-132/180-264VAC
Switch selectable

AC Frequency

47 to 63Hz

DC Output

See Chart

Efficiency

75% typical at full load,
115/230VAC

Hold-up Time

16msec. at full load,
115/230VAC

Power Good Signal

Open collector, 100-500ms delay

Power Fail

TTL signal falls 1msec minimum
before +5 reaches 4.75V

Switching Frequency

100KHz nominal

Overvoltage Protection

5.6 to 7V on +5 output

Overcurrent Protection

All outputs have short circuit
protection

Temperature Range

Operating: 0 to 40°C
Storage: -40 to 70°C

Temperature Coefficient

+0.05%/°C

Insulation Resistance

7 Megohm minimum

MTBF

Calculated
Greater than 150,000 hours,
full load, 25°C, (MIL-HDBK-217)



ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.
Sanchung City, Taipei
Taiwan 24103, R.O.C.

Phone: 886-2-988-2126

886-2-980-5255

Fax: 886-2-981-7086

886-2-983-3222

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>

Eastern Office:

3005 Brodhead Road

Bethlehem, PA 18017

Phone: (610) 866-9911

Fax: (610) 866-9920

Southwestern Office:

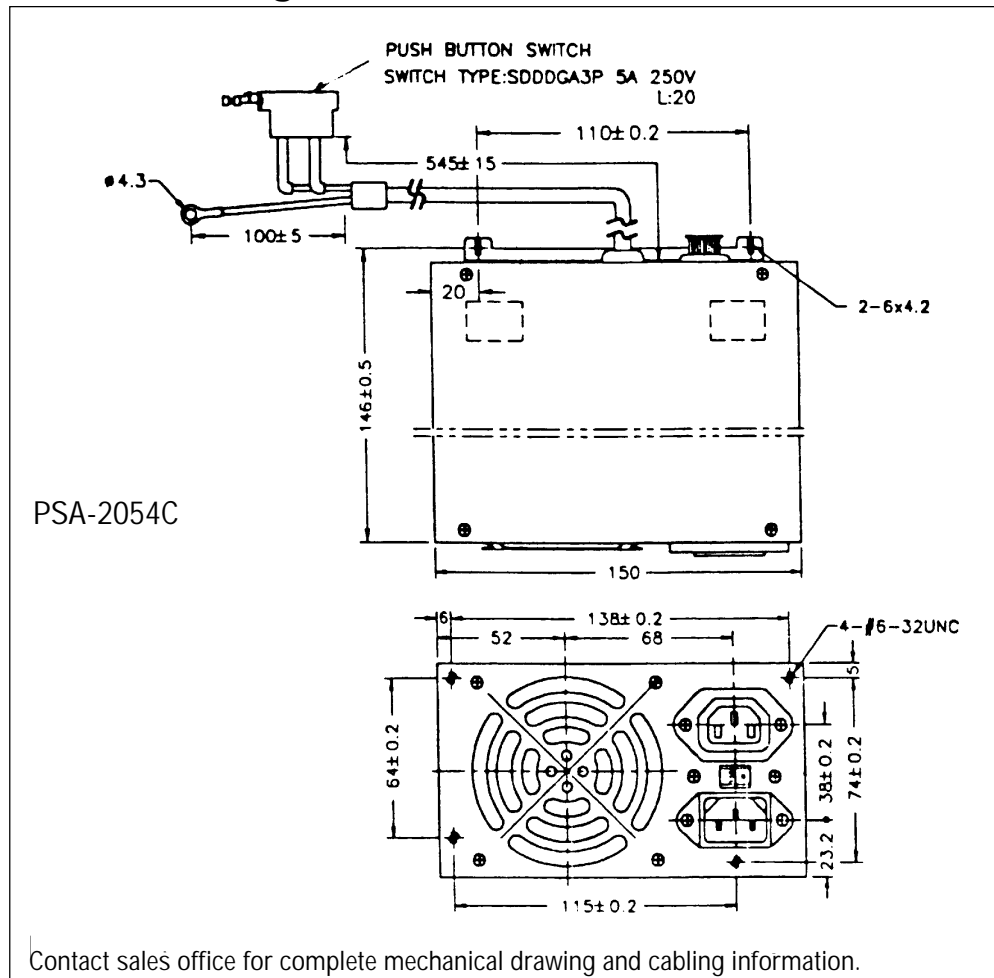
3325 Cochran St., Suite 200

Simi Valley, CA 93063

Phone: (805) 520-8177

Fax: (805) 520-3907

Dimension Diagram Unit: mm



2054/704