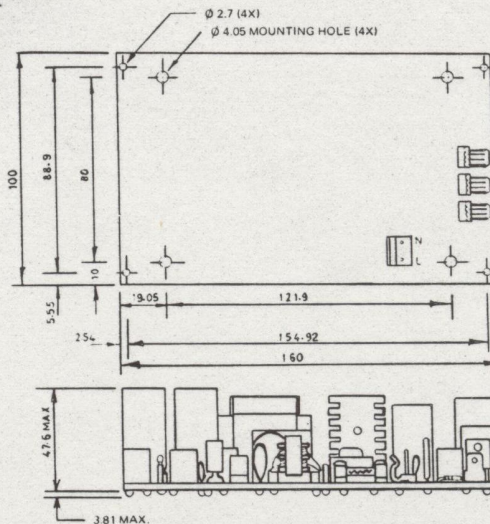
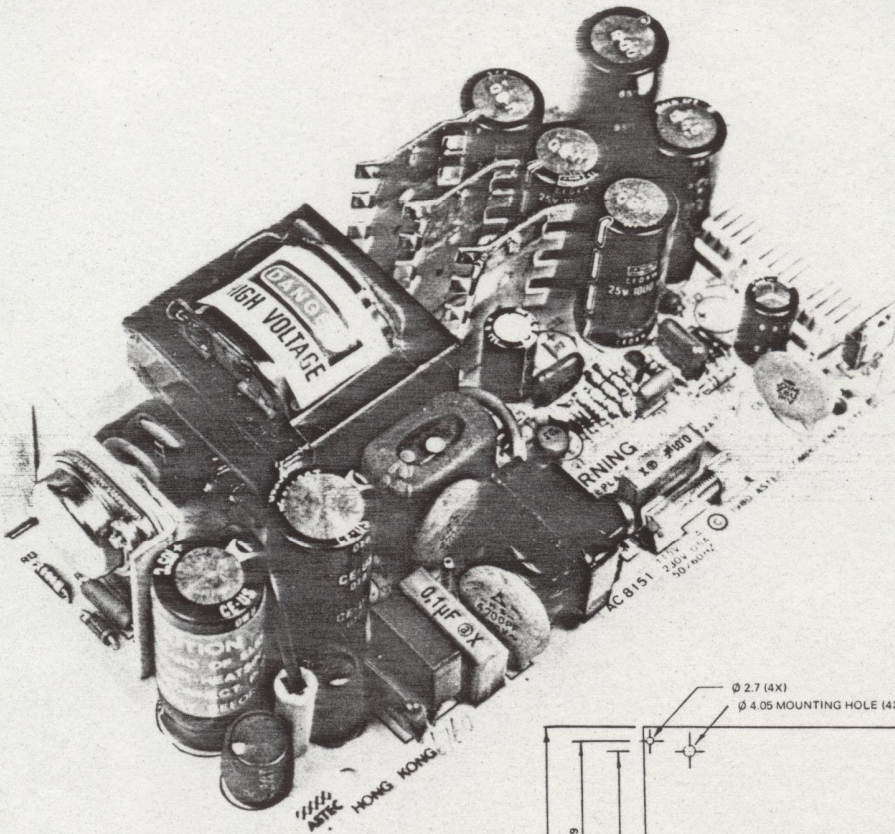


AC8151 40 WATT SERIES

The AC 8151 Switch-Mode Power Supply has been designed for use in small terminals and other similar equipment. The AC 8151 has dual line inputs and regulated outputs of:

- +5V at 2.5A,
- +12V at 2.0A,
- 12V at 0.1A,

This compact unit features low magnetic radiation and is built to conform to International Safety and RFI Regulations.



PIN ASSIGNMENT:-

AC Input	N	NEUTRAL
	L	LIVE
DC Outputs	P1,6,11	-12V
	P2,7,12	+12V
	P3,8,13	COMMON
	P4,9,14	+5V
	P5,10	BLANK



**IS THE
POWER SOURCE**

ELECTRICAL SPECIFICATIONS

AC8151

PARAMETER	MIN	TYP	MAX	UNIT	NOTES	
Input Voltage	95	115	135	VAC		
	170	230	270	VAC		
Input Current			0.85	Arms		
Input Frequency	45		450	Hz		
Outputs:	VO1	4.75	5	5.25	V	+5V Output
	IO1	0.45		2.5	A	
	VO2	11.4	12	12.6	V	+12V Output
	IO2	0.3		2.02	A	
	VO3	-11.0	-12	-15.0	V	-12V Output
	IO3	0.04		0.1	A	

PARAMETER	MIN	TYP	MAX	UNIT	NOTES
Efficiency	65			%	At full load 115/230 VAC In.
Operating Temperature	0		50	°C	
Output Power			40	W	Max. Continuous.
Output Ripple	VO1		50	mV p-p	Over the rated line and load range.
	VO2		150	mV p-p	
	VO3		150	mV p-p	
Input Line Regulation			± 0.2	%	
Over voltage Protection	5.8		6.8	V	Applies to +5V only.
Hold-up Time		15		mS	

Output short Circuit

No damage to the power supply when any output is short circuited via 50 milli-ohms or less.

EMI Requirements

Meets the conduction limits of VDE 0871 'B' rules for 230 VAC In and FCC 'B' rules for 115 VAC In.

Safety Requirements

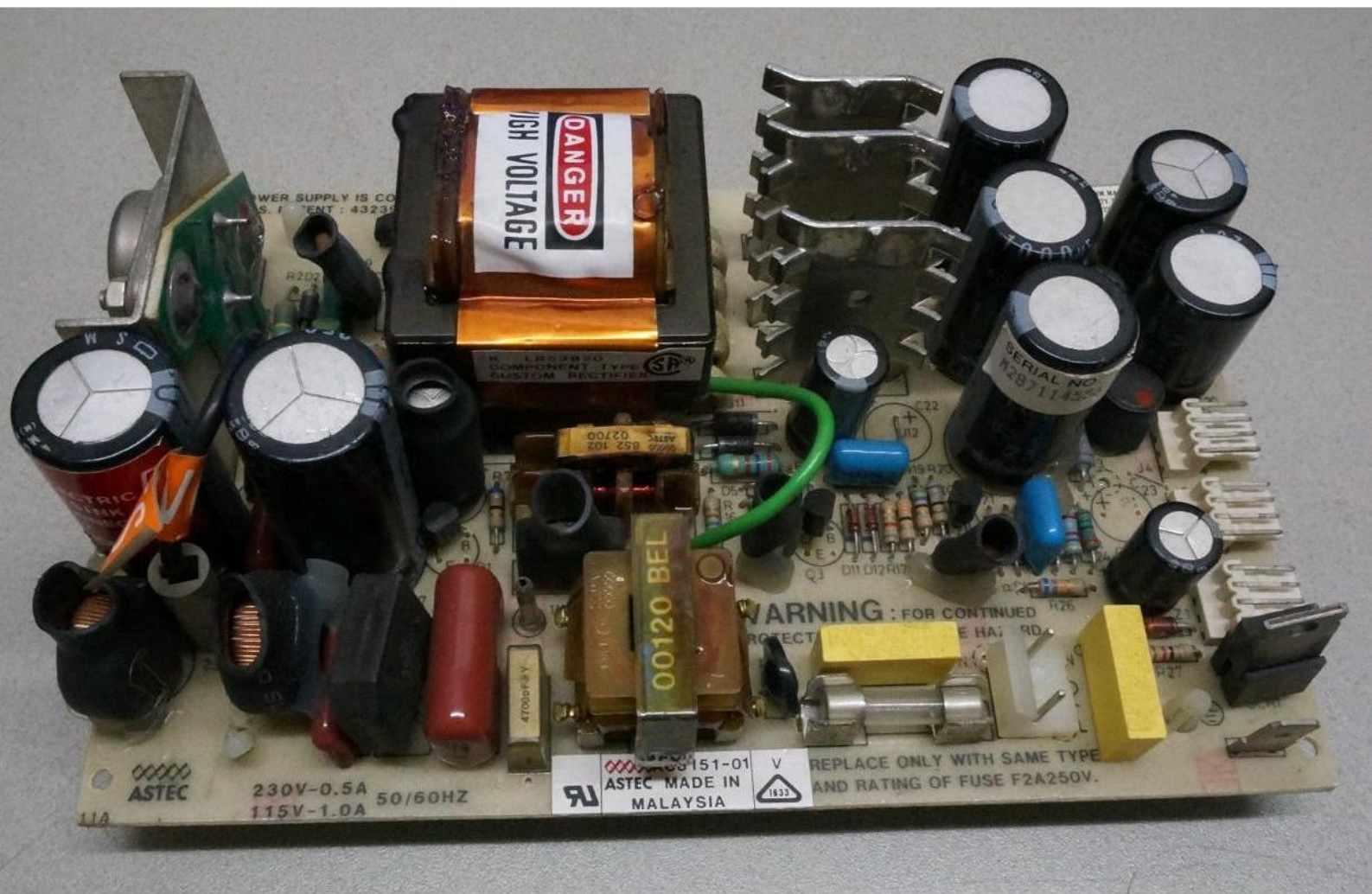
Meets UL1012 standard for power supplies, Document 79/63416, IEC 380 : 1977, IEC 435, CEE : Part 1 and Part 2P, BS 3861 : Part 1 : 1965.

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POWER SUPPLY IS CO
S. I. ENT: 4323

DANGER
HIGH VOLTAGE

COMPONENT TYPE
CUSTOM RECTIFIER

00120 BEL

WARNING: FOR CONTINUED
PROTECTION...

REPLACE ONLY WITH SAME TYPE
AND RATING OF FUSE F2A250V.

ASTEC

230V-0.5A 50/60HZ
115V-1.0A

151-01
ASTEC MADE IN
MALAYSIA

