

## 1134 POWER SUPPLY

### CONTENTS

<b>1</b>	<b>GENERAL DESCRIPTION</b>	<b>2</b>
<b>2</b>	<b>SPECIFICATION</b>	<b>2</b>
	Input	2
	Output	2
	Protection	2
	Performance	2
	General	2
<b>3</b>	<b>MAINTENANCE</b>	<b>3</b>
<b>4</b>	<b>CONNECTOR DETAILS</b>	<b>3</b>

## 1 GENERAL DESCRIPTION

The 1134 provides power for the 6170, 1U control frame. An industry standard sized power supply is fitted to a 1U chassis with mains over current protection provided by a 2A fuse. All voltages can be monitored at the front of the unit, in addition closing relay contacts wired to the output connector provide an alarm in the event of a failure.

## 2 SPECIFICATION

<b>Input</b>	Voltages:	85-265V a.c. 47-440Hz
<b>Output</b>	Voltages:	+5.4V @ 2A max ±15V @ 200mA max
	Total power output:	<17W
<b>Protection</b>	Output:	Current limit on CH1
	Input:	2A input fuse (internal)
<b>Performance</b>	Ripple and noise:	1%
	Regulation:	Load 0-100% load change 2% regulation output 1
	Inrush current:	28A peak cold start
<b>General</b>	Indicators/monitor:	Green LED on front panel for each voltage. Monitor point via resistor on front panel for each voltage
	Failure alarm:	Relay contacts close on any rail failure
	Mains connector:	Integral IEC 3 pin 1A with filter and locking strap
	Operating temperature:	0°C to + 40°C Derate linearly to 60% power at 60°C
	Size/fitting:	1U x 89mm wide x 255mm Unit fitted from front
	Weight:	0.5kg
<b>Approvals</b>	EMC	Conforms to EN55022 curve B

### 3 MAINTENANCE

Maintenance of switch mode power supplies is not recommended. Dangerous voltages exist within the unit and the level of radiated interference when covers are removed is likely to be unacceptable in broadcast technical areas.

### 4 CONNECTOR DETAILS

PL1 mains input (Harting 3 pin plug)

SK1 power out (red range 8 pin socket)

Pin	Function
1	+15V
2	-15V
3	+5.4V
4	0V
5	0V
6	PSU MON FAIL
7	PSU MON COMM
8	N/C

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