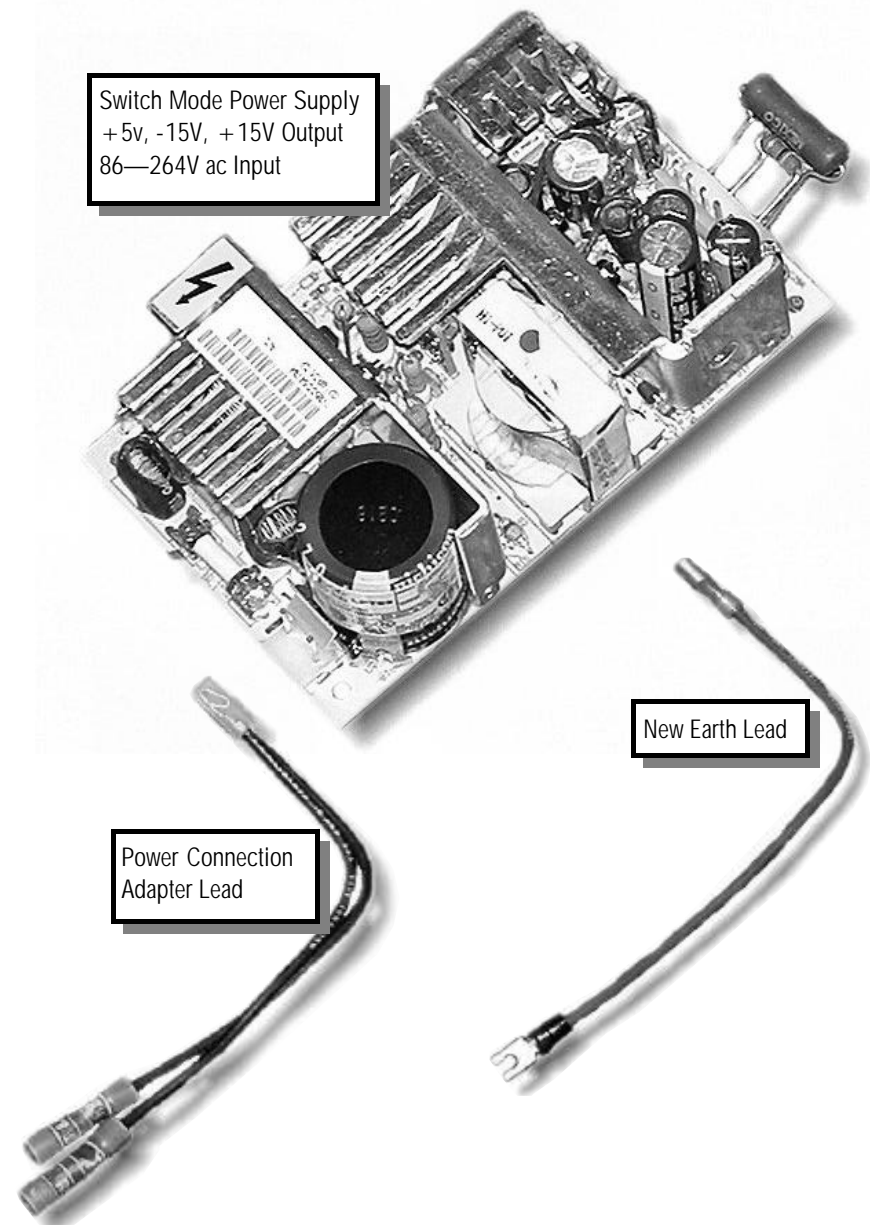


TECHNICAL SUPPORT

For further assistance log onto www.fastheatuk.com to download additional support information.

CONDUCTOR PSU INSTALLATION MANUAL



fast  **heat**

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INTRODUCTION

This procedure covers the replacement of the combined Switch Mode PSU fitted Conductor Mainframes with a single PSU.

This new PSU is a higher specification, direct replacement for all previous single PSU arrangements.

Mainframes fitted with 2 PSU's, and which are faulty, should be returned to the factory for replacement or repair.

Warning

Please be aware of electrical safety and ensure that all sources of power to the cabinet are switched off and / or disconnected before commencing work.

EQUIPMENT REQUIRED

- Cutters
- Wire Strippers
- Crimp Tool
- Small Bladed Screwdriver
- Medium Cross-Head Screwdriver

INSTALLATION

- Switch off the Conductor Mainframe and disconnect the cabinet from the 3-phase supply.
- Remove the 6 retaining screws for the rear access panel of the Mainframe. Remove the panel, taking care to remove the two wires connected to the ventilation fan.
- Carefully remove the mains input and low voltage output connectors from each end of the of the fitted PSU.
- Remove the four retaining screws and remove the faulty power supply from the Mainframe.

- Insert the new PSU, locating the unit over the support posts and fit using the four screws.
- Ensure that the mains input connector (2 pin) is to the right of the cabinet and the low voltage connector (6 pin) is to the left of the cabinet.
- Cut off the old three pin mains connector from the power loom on the right hand side. This normally consists of one black and one white wire.
- Strip back the exposed black and white wires by 4mm.
- Attach the new two pin connector, crimping the prepared black and white wire into the crimps.
- Fit the provided earth crimp onto the earth spade on the front right hand corner of the circuit PCB and then attach the forked crimp to the earth post in the bottom of the Mainframe.
- Connect the 6 pin low voltage connector to the 6 pin socket.
- Replace the power connectors onto the fan and replace the rear access panel.
- Re-connect the Mainframe to the 3-phase power supply and turn on.

PIN CONNECTORS

Power Connector		Low Voltage Connector	
1	Line	1	+15V dc (Yellow)
2	Neutral	2	+5V dc (Red)
		3	+5V dc (Red)
		4	Ground (Black)
		5	Ground (Black)
		6	-15V dc (Orange)

PART NUMBERS

Power Supply:	ASKS2076	Mainframe Fan:	540-820
Fan Filter:	566-748	15A FF Fuse:	314015