

1537 HD SERIES POWER/CONTROL CONNECTOR

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1 APPLICATION

A power and control connector module for the HD RS422 router frames.

2 GENERAL DESCRIPTION

The 1537 is a 6U metal bracket designed to fit into HD frames from the rear. The rear panel has two IEC mains inlets for the dual power supply in the frame (1124), two RS422 and two RS232 sockets which plug into the rear of the controller module (2414) via IDC ribbon cable. The rear panel also contains a power supply monitor socket.

The internal face of the 1537 holds two DIN 41612 type H connectors. These are positioned to allow the modular power supplies to be plugged in from the front of the frame.

The wiring on the 1537 takes the two mains inputs to the two power supply connectors, and the two power supply outputs to a 9 way Molex connector via diodes. It also takes PSU outputs to the monitor socket.

The ribbon cables take control signals from the RS232 and RS422 ports to a 64 way DIN connector which has pinouts compatible with the 2414 control card.