



- **4 fixed independent floating supplies: 6V (8A), 12V (8A), 24V (4A), 48V (3A)**
- **4mm shrouded output sockets**
- **Suitable for powering loop instrumentation**
- **Voltage overload protection**
- **Current overload protection**
- **Supplies can be connected in series to obtain an alternative output voltage**
- **Ripple and Noise: 50mV or 1% pk-pk**

DESCRIPTION

The 7087 is a quad DC power supply that provides four fixed independent floating supplies in one compact module. The voltage and current ratings are 6V (8A), 12V (8A), 24V (4A), 48V (3A).

Operation is simple with the 6V control switch being the master to put the module in to standby. This enables the user access to the other supplies which can then be switched on and off individually. Each supply has its own switch, fuse and power LED indicator. Output connections are industry standard 4mm shrouded sockets spaced at 19mm centers.

The supplies can be connected in series to obtain an alternative output voltage. However, the current rating is that of the lowest rated supply. The supplies must not be connected in parallel.

SPECIFICATIONS

Output	4 fixed independent floating supplies: 6V (8A), 12V (8A), 24V (4A), 48V (3A)
Output Connection.....	Via 4mm shrouded sockets spaced at 19mm
Switches.....	4 on/off front panel switches - 1 for each supply
Ripple and Noise.....	50mV or 1% pk-pk, whichever is greater
Regulation	6V, 300mV at 8A. 12V, 200mV at 8A. 24V, 150mV at 4A. 48V, 100mV at 3A.
Fuses.....	6V- 8A, 12V- 8A, 24V- 4A, 48V- 3A. All 20mm x 5mm, quick blow
Current Overload Protection.....	1.4 x maximum current rating
Voltage Overload Protection.....	1.25 above nominal output
Indicators	4 separate front panel voltage power LED indicators - 1 for each supply
Module Width.....	80mm (primary or secondary console fitting)

ORDERING INFORMATION

7087 **Fixed Quad DC Power Supply Module**

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.