



- 4 fixed independent floating supplies: 6V (20A), 12V (10A), 24V (6A), 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 (20A), 12V (10A), 24V (6A), 48V (3A).

Operation is simple with each supply having a dedicated control switch and power LED indicator. Output connections are industry standard 4mm shrouded sockets spaced at 19mm.

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 (20A), 12V (10A), 24V (6A), 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 of $V_{NOM}$ , whichever is greater
Regulation.....	6V $\pm$ 200mV at 20A; 12V $\pm$ 100mV at 10A; 24V $\pm$ 150mV at 6A; 48V $\pm$ 300mV at 3A.
Short Circuit Protection.....	Burst mode, period: 125mS; duty cycle 3%.
Current Overload Protection.....	125% of rated current.
Voltage Overload Protection.....	Latching x 60% of nominal voltage for each supply
Indicators .....	4 separate front panel voltage power LED indicators - 1 for each supply
Terminal Isolation .....	To ground - 250VDC maximum
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.