



- 96V to 144V preset single fixed output
- Output Current 7.5A max (to 800W)
- 4mm shrouded output sockets
- Line regulation:  $\pm 0.1\%$
- Load regulation:  $\pm 0.5\%$
- Output accuracy:  $\pm 1.5\%$  of reading
- Output ripple ( $> 50\text{Hz}$ ):  $< 50\text{mV rms}$

### DESCRIPTION

The 7075 provides an isolated DC supply. Output is pre-specified between 96 and 144 volts with a current capacity up to 7.5 amps. Output voltage and current are monitored on two analogue moving coil meters, access is from two 4mm shrouded sockets.

A dedicated power switch enables the supply to be controlled independently from the rest of the console and the power indicator shows when mains power is being applied to the switch.

If the current exceeds the preset level, the supply will revert to constant current mode, reducing the voltage to limit the power to 800 watts. To avoid arking it is important to connect the test load before switching on and to switch off before removing the load.

### SPECIFICATIONS

Output Voltage .....	Preset to 110V DC $\pm 1.5\%$ (96V to 144V)
Output Current .....	7.5A max (limit to 800 watts)
Line Regulation .....	$\pm 0.1\%$
Load Regulation .....	$\pm 0.5\%$
Output Accuracy .....	$\pm 1.5\%$ of reading
Output Ripple ( $> 50\text{Hz}$ ) .....	$< 50\text{mV RMS}$
Hold Up Time .....	$> 5\text{ms}$
Over Current Protection .....	Above about 7.5 A reverts to constant current mode.
Meters .....	DC moving coil meters to standard DIN specification, 90° scale arc. Manufactured to BS89/IEC51
Output Sockets .....	Mains voltage (0 to 300V or 0 to 150V)
Line Voltage .....	Will run off line voltages between 110V and 230V AC 50/60Hz
Module Width .....	160mm (primary or secondary console fitting)

### ORDERING INFORMATION

**7075** ..... **Fixed 110V DC Power Supply Module**

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