



POWER SUPPLY UNIT WITH VIRTUAL INSTRUMENTATION

DL 3155AL3



Power supply unit for the TIME boards system with virtual instrumentation. It includes an interface board to insert faults from the management software and dedicated inputs and outputs for the virtual instruments.

Features:

- Interface board for connection to PC.
- Powerful virtual instrumentation.
- Robust structure and modern design.
- Voltage regulation and protection against over voltage or short circuit.
- Complete with a set of connecting cables.

VIRTUAL INSTRUMENTATION:

- **Multimeter**
Display: 3 1/2 digits
DC/AC voltage range: 400 mV, 4 V, 40 V, 400 V or Autorange
DC/AC current range: 200 mA, 8 A
Resistance range: 400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ
- **Arbitrary Function Generator**
Wave form: sinusoidal, square, triangle, dc
Allows the upload of other waveforms through external files
Frequency output: 0.1 Hz - 2 MHz
Voltage output: ± 10 V
Attenuator: 0 dB, -10 dB, -20 dB
- **Digital oscilloscope**
Dual trace oscilloscope
Input: DC/AC, 1 MΩ
Meas. ranges: 20/50/100/200/500 mV, 1/2/5 V per division
Sampling frequency: 100 Hz to 100 MHz
- **Digital Pattern Generator**
Digital Outputs: 8 + clock
Output rates: from 100 Hz to 10 MHz
Pattern selection: manual or automatic
Memory: 2048 Bytes
- **Logic Wave Analyzer**
Digital Inputs: 8 + clock
Sampling rates: From 100 Hz to 10 MHz
Memory: 2048 Bytes

Spectrum analyzer

FFT calculation on oscilloscope signals
FFT windows: rectangular, Barlett, Hamming, Hanning

Network analyser

Bode diagram: 1 Hz to 1 MHz

N.2 Voltmeters:

Oscilloscope Channels inputs
Measurements: Vdc, Vac
Autorange
Maximum voltage: +/- 20 V

POWER SUPPLIES:

- 0/+15 Vdc, 1 A
- 0/-15 Vdc, 1 A
- +15 Vdc, 1 A
- -15 Vdc, 1 A
- +5 Vdc, 1 A
- -5 Vdc, 1 A
- 6 – 0 – 6 Vac, 1 A

CONNECTIVITY:

- USB
- Bluetooth
- WLAN