



Technology:

- CMOS components for low power consumption and extensive use of Surface Mount components.
- Employing In-System-Programming technology for EPLD.

Power Requirement:

- Isolated unregulated 12VDC (1/2 A) or 24VDC (1/4 A).

On-board Power Supplies:

- Switching mode, +5 VDC for digital electronics, isolated -15VDC and +15VDC for analog output electronics.

Board Status Indicator:

- Control / Integrity check indicator.
- Power On check indicator.

Data and Address Bus:

- 26-pin ribbon cable connection daisy-chained to a maximum of 14 AI/AO board combinations.

Analog Outputs:

- Number of Outputs: 8 analog outputs, with one shield for every 2 points.
- Voltage output: 0-5.0 VDC, 0-10.0 VDC.
- Current output: 4-20mA.
- Resolution: 12 bit.

Operating Environment:

- Temperature Range: -40 to +85 degrees Celsius
- Humidity: < 95%, non-condensing

Physical Dimensions:

- 19.0 x 3.5 inches for 19" standard rack mount or panel mount.