



MVME9420 Isolated Digital Input Module

Specifications

- **Digital Inputs** – 96
- **Input Voltage Range** - 4-25V, 20-60V AC/DC
- **Input Threshold Voltage** - 4V maximum for 4-25V range. 20V maximum for 20-60V range.
- **Input Response Time** - $t_{on} = 2\mu\text{sec}$
 $t_{off} = 20\mu\text{sec}$
- **Isolation** – 4000Vrms
- **Interrupt Modes** - change of state, pattern match, edge triggered, or level triggered.

VME Specifications

- Meets VME Specifications Revision C.1 IEEE Std. 1014-1987
- A24/A16:D32 Slave
- Address Modifier Code 29, 2D, 39, or 3D HEX.
- 1K consecutive byte locations, base address configurable within either the Standard or Short I/O space.
- **Board size:** 6U

Power Requirements

- +5 Volts @ 1.5A

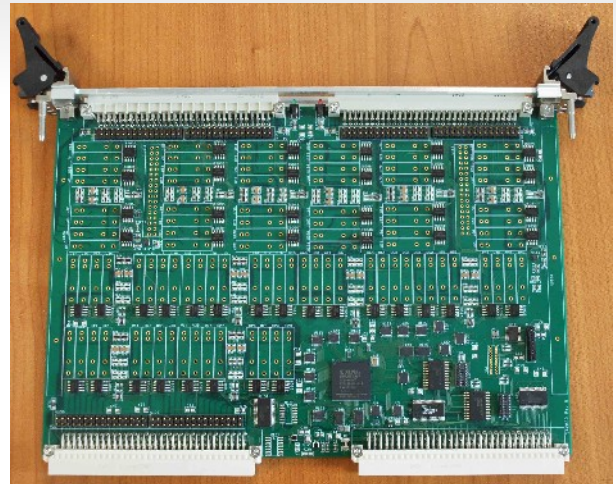
Environmental

- **Operating Temperature** - -20 to 85 °C
- **Storage Temperature** - -40 to 125 °C
- **Shock** - 25g, 11ms on all axis

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The 9420 Digital Input Module offers the following features:

The unit is a drop-in replacement for the Acromag® AVME9420. I/O points are accessible through the front panel connector or the P2 VME connector. An optional LED board indicating the status of the 64 front panel inputs can be supplied at no extra cost. Improvements include:

- AC/DC inputs
- Response time 3x faster
- 4000Vrms isolation
- -20 to 85 °C operating temperature
- LED Board is standard
- Conformal coating is standard on all units
- Conduction-cooled version available

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