9312 64-bit High Current Relay Driver Module

SPECIFICATIONS

64-bits of high current outputs.

Outputs distributed (DIN type connectors):

32-bit outputs mirrored to the P2 connector.

64-bit outputs via two front panel connectors.

500mA continuous current per output.

Outputs transient protected.

Ruggedized conduction cooled available.

High-breakdown voltage (40V minimum).

On board temperature sensors.

VME COMPLIANCE

Meets VME Specifications revision C.1 IEEE Std. 1014-1987

User programmable

A16:D32 DTB Slave

Address modifier code 29 or 2D HEX

Short I/O space covering 256K consecutive byte locations, base address configurable within 64K I/O space.

Board size: 6U

Power Requirements

+5V @ 1.5 A

+12V @ 100mA (for opto-isolated version)

External power must be supplied to each output driver used.

Environmental

Operating Temperature: -40 to 85°C

Storage Temperature: -40 to 125°C

Shock: 25g, 11ms on all axis

Features

The 9312 64-bit High Current Relay Driver Module offers the following features:

- Drop-in replacement for the VMIVME-2131 from VMIC.
- Non-isolated and isolated versions for the module.
- 500mA per output but outputs can be connected together to get higher current outputs.
- On board temperature sensor provides continuous information of this parameter within the board.