

## Moog Animatics OPTO2 — 16 Channel Opto-isolator Board

Optically isolates and converts signals between:

### 5VTTL logic and 24VDC Control Logic Systems

- 8 Input Channels
- 8 Output Channels
- Red Fail-Safe LED Indications
- Plug-in connectors
- DIN Rail Mount
- Only 0.84 Inches of rail space
- Shunt Diode protection for Inductive loads

### 5VDC Logic Side:

- Darlington Output Sinking
- 6.8VDC max input
- 120mA Max. 5VDC Load

### 24VDC Control Side:

- Darlington Output Sourcing
- 12 to 32VDC Working Range
- 120mA Max. Load @24VDC

### Timing:

- 100  $\mu$ Second On/Off max.
- Max. continuous throughput: 250KHz @50% duty cycle square wave.

### Sample Schematic of Inputs and Outputs:

