

DCS-5000/AutoMax™
Pulsetach Input Module
(M/N 57C421)

Module Specifications

Model number 57C421 contains one (1) Pulsetach Input Module.

Ambient Conditions

- Operating Temperature (at the module): 32° to 140°F (0° to 60°C)
- Storage Temperature: -40° to 185°F (-40° to 85°C)
- Humidity: 5-90% (Non-Condensing)

Dimensions

- Height: 11.75 inches (29.8 cm)
- Width: 1.25 inches (3.2 cm)
- Depth: 7.37 inches (18.7 cm)
- Weight: 1 pound, 13 ounces (0.815 kilograms)

Maximum Module Power Dissipation

- 5.4 watts

Module Power Requirements

- Backplane: 5 volts x 900 mA = 4.5 watts
- Pulsetach Power Supply: (12 volts x 10 mA x 3) + (12 volts x 15 mA x 3) = 0.9 watts

Pulse Input Specifications

- Input Channel: 1
- Type of Input: Differential, Emitter-Follower, Open-Collector, or Single-Ended
- Voltage Level: TTL to Maximum 13.2 VDC
- Minimum Input Current: 5 mA
- Rated Input Current: 10 mA @ 4.0 VDC
- Isolation: 2500 VAC (rms)
- Digital and Analog Filter Combined: Cut-off Frequency 250 kHz
- Maximum Wire Length: 600 feet (180 meters)
- Maximum Input Frequency: 125 kHz

Industrial

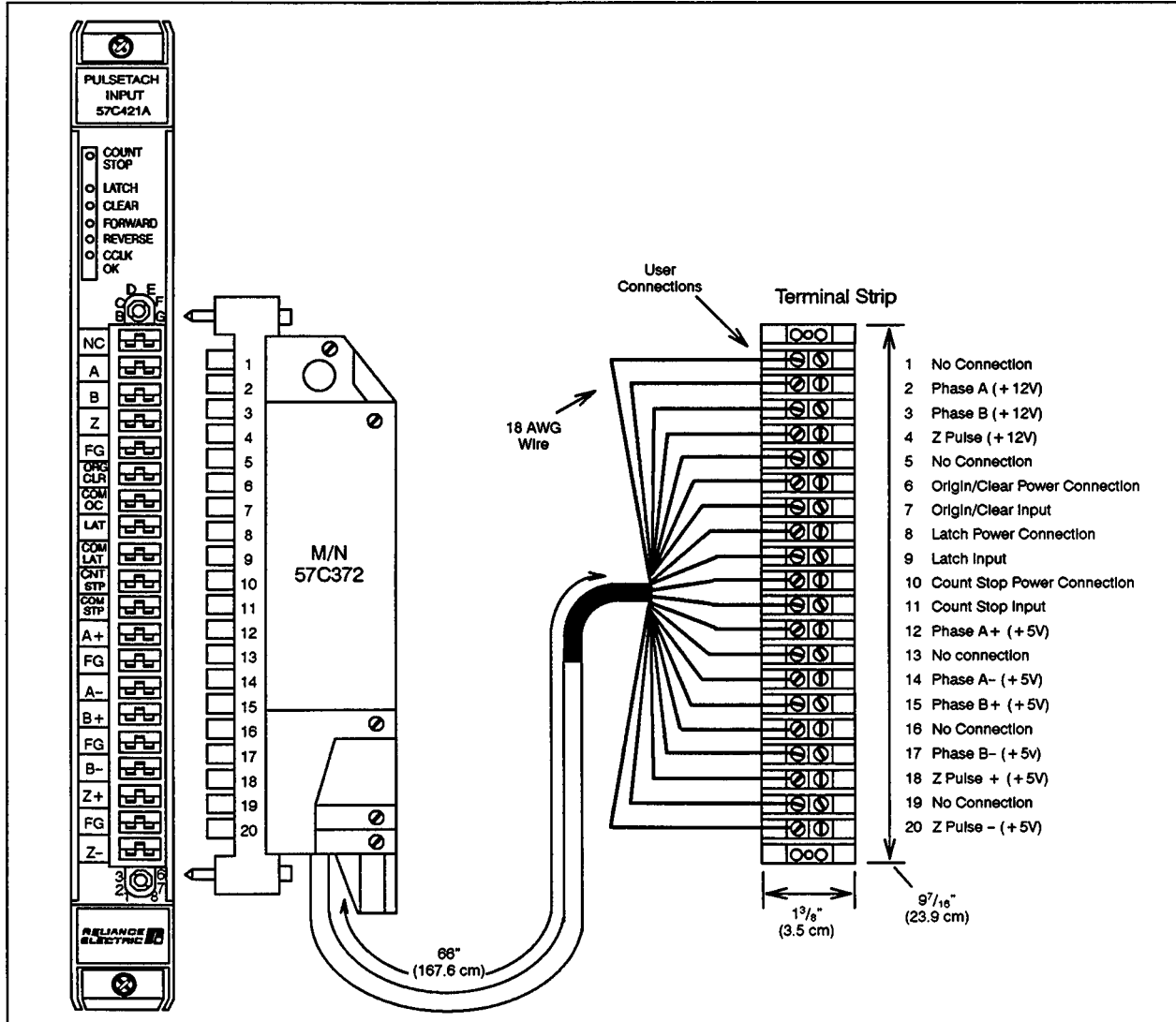
CONTROLS

J-3749

Control Signal Specifications

- Type of Input: Current Sink or Source
- Voltage Level: 5 VDC or 12 VDC
- Nominal On-State Current: 10 mA
- Maximum Input Frequency: 150 kHz
- Isolation: 2500 VAC (rms)
- Digital and Analog Filter Combined: Cut-off Frequency 250 kHz
- Maximum Wire Length: 600 feet (180 meters)

External Connections



This material is not intended to provide operating instructions. The appropriate Reliance Electric Company instruction manuals and precautions should be studied prior to installation, operation, or maintenance of this equipment.

For additional information please refer to the DCS 5000/AutoMax Pulsetach Input Module Instruction Manual, J-3680.

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