

PROCESS SIGNAL MULTIPLEXER

Low cost multiplexing for analogue inputs - 4 to 20 mA, 0 to 30 V, pT100s or thermocouples.

Expand your eight analogue inputs up to 64 with eight multiplexers.

High quality signal grade relays for signal selection and to maintain galvanic isolation between the inputs.

Relay life expectancy more than 15 million operations.

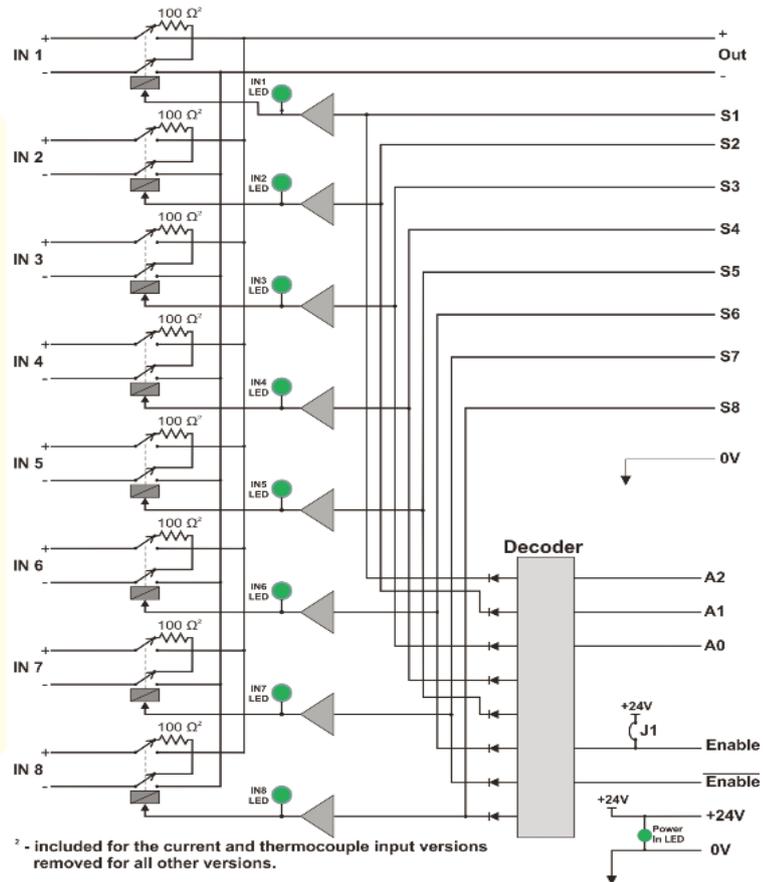
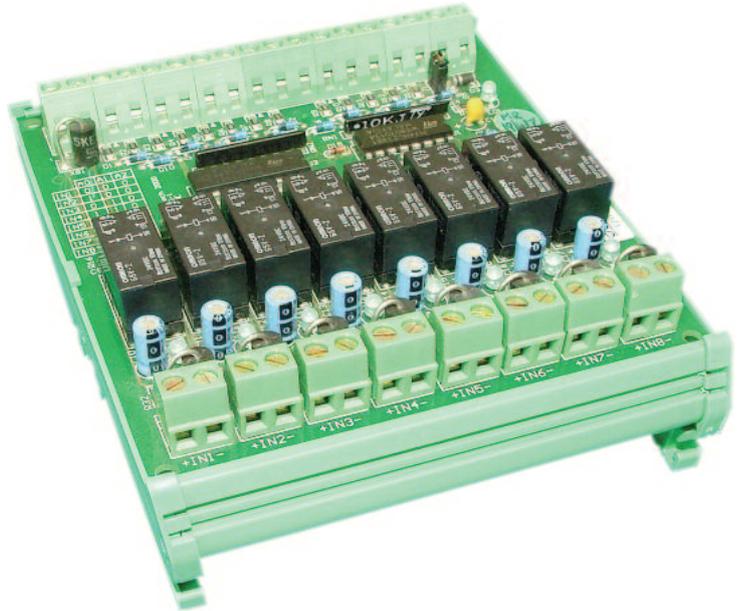
Response time approximately 10 mSecs.

The Process Signal Multiplexer provides a low cost way of squeezing eight analogue inputs signals into one. When using a PLC this means that a single analogue input can be used for eight (or more) different inputs.

Either three or eight digital control inputs can be used to select any of the eight inputs. Using the Enable input any number of multiplexers can be cascaded while using only three input select lines.

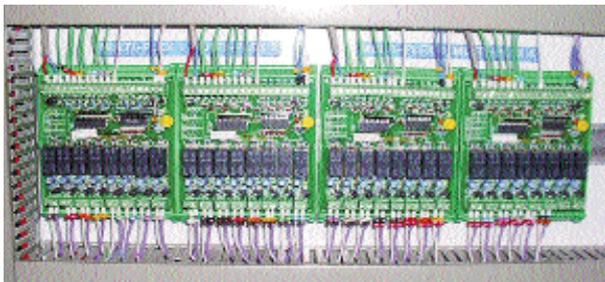
The DIN rail mounting module requires 24 VDC at 50 mA and has 100 Ω signal terminations for the current input version when that particular input is not selected. Overvoltage protection is provided on all inputs and outputs.

Several application notes are available using the Multiplexer with the Measurement and Control Interface as well as the Multiplexer Auto-Selector.



Part Numbering:

- PL-MUX8-1/TC/C Process Signal Mux 8 to 1, TC Input, 24VDC
- PL-MUX8-1/R/C Process Signal Mux 8 to 1, R Input, 24VDC
- PL-MUX8-1/I/C Process Signal Mux 8 to 1, I Input, 24VDC
- PL-MUX8-1/V/C Process Signal Mux 8 to 1, V Input, 24VDC



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