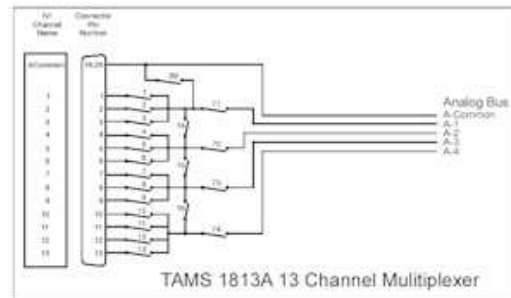


1813A USB Controlled 13 Channel Multiplexer

The multiplexer allows consolidation of 13 signals down to a 4 wire Analog Bus. The multiplexer itself is composed of four smaller multiplexers. These smaller multiplexers can be used in isolation or combination through the configuration relays 14, 15, and 16. Switch functions are easily controlled through the programmable graphical user interface.



[\[Enlarge\]](#)

System Requirements:

- Windows 2000 or Windows XP
- Microsoft Internet Explorer version 5.01 or later.
- Microsoft .NET Framework version 1.1
- National Instruments VISA library or Agilent Technologies IO Libraries Version M or later.

USB versions: 2.0 and 1.1 Full speed

USB connection: USB "B" type connector

USB current consumption: 350mA maximum

Switched voltage and current:

- 100VAC maximum
- 100VDC maximum
- 0.5 Amps maximum

Switched power:

- 10W maximum

Carrying Current: 1.5A maximum

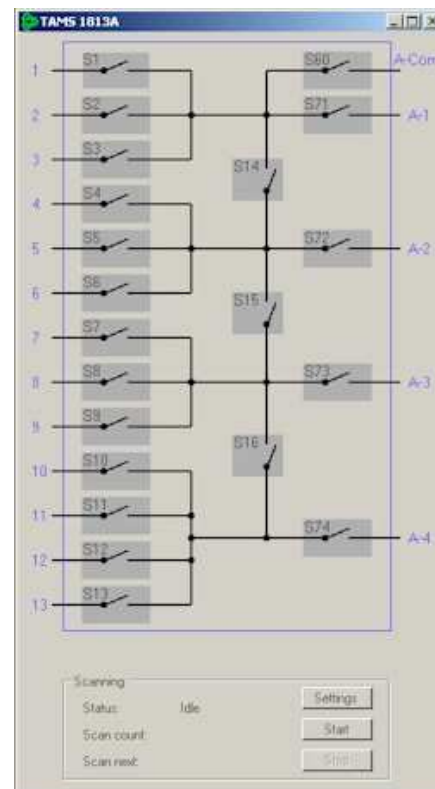
Total Channel Resistance: 0.3 Ohms initial, typical
(Measured from the front panel connector to the rear panel Analog Bus)

Screw terminal wire: AWG 28 – 16

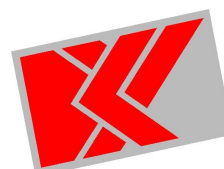
Screw terminal torque: 0.22 – 0.25 Nm

Documentation & Downloads:

- Printable Datasheet (coming soon)



[\[Enlarge\]](#)



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