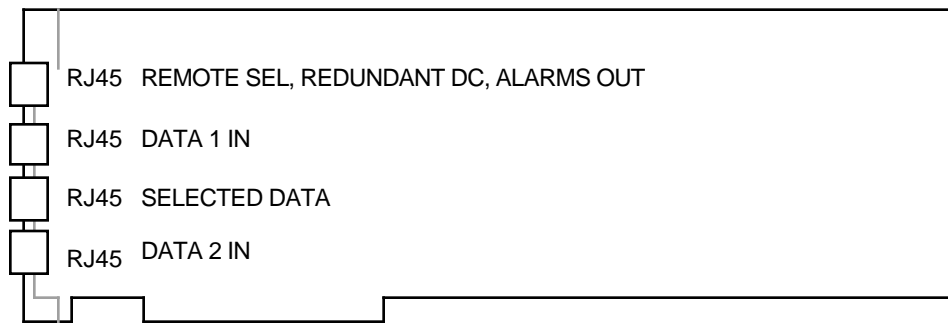


582-10 DATA SWITCH

The 582-10 detects presence of data on a main and secondary data channel and transfers the secondary channel to the SELECTED DATA output if data is lost for a preset 1 to 9 minute time period on the primary channel. It is mounted on a PCI card.

EQUIPMENT DESCRIPTION

The 582-10 detects presence of data on a main (Data 1) and secondary (Data 2) data channel by detecting positive level transitions on both inputs. If no data is detected on the Data 1 channel for 1 to 9 minutes (adjustable in 1 minute increments), an alarm will occur causing the switch to transfer the Data 2 channel to the SELECTED DATA output. If the Data 2 channel also has an alarm, no switching will occur or switching can always be forced to the Data 2 channel. After switching to the Data 2 channel, when the Data 1 channel alarm clears the switch transfers data back to the Data 1 channel. Switching is accomplished using a relay. If power is removed from the 582-10, a jumper selects signal continuity from either the Data 1 or Data 2 channel to the SELECTED DATA output. The channels can be manually switched by closures to ground. The PC power supply provides power to the 582-10. External redundant DC can be used. The unit is housed on a 3/4 size PCI card.



582-10 DATA SWITCH

582-10 Technical Specifications

Data Characteristics

Input/Output RS232C
 Data rate 128 kB/s max
 Connector RJ45, female

Switch Characteristics

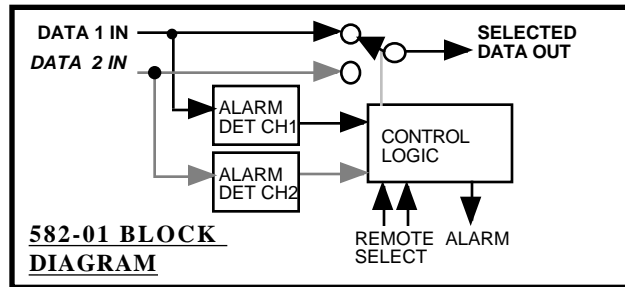
Type Relay
 Signal pin switched Pin 2
 Isolation >40 dB
 Switch time 10 milliseconds
 Contact resistance 10 , < 1 typ
 Configuration SPDT
 Switch after alarm Settable for 0 to 9 minutes in 1 minute increments

Controls

Remote Select Closures to ground select CH1 or CH2

Other

Mechanical 3/4 Length Standard PCI card; 4.2" high X 9.5" long
 Power +12, 200ma; -12, 100ma;



*Specifications subject to change without notice