



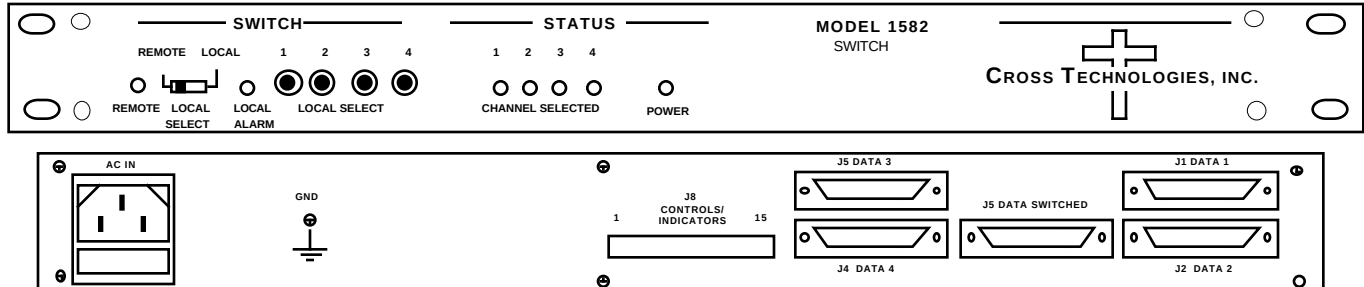
DATA SHEET

PRELIMINARY 3/26/02

1582-45L DATA SWITCH

The 1582-45L provides Remote or Local latched relay switching between CH1, CH2, CH3 and CH4 data signals. The maximum data rate is 1 Mbps on the clock and data lines (8 lines) and up to 56 kbps on all other lines. Remote selection of CH1 to CH4 is by a contact closure to ground of the corresponding selection pin. Local Selection overrides Remote selection commands.

On power loss the selected channel remains on. LEDs and contact closures to ground indicate the channels selected and REMOTE or LOCAL operation.



1582-45L DATA SWITCH FRONT AND REAR PANEL

1582-45L Technical Specifications

Data Characteristics

Input/Output	RS422 or RS232
Data rate, Max.	1 Mbps on clock & data lines, up to 56 kbps on other lines
Pins Switched	All 25 pins

Switch Characteristics

Type	Latching Relay
Data Direction	Both ways, non-blocking
Isolation	40 dB, minimum
Switch time	10 milliseconds, maximum
Contact resistance	10W, max., < 1W typ.
Configuration	25P4T

Controls and Indicators

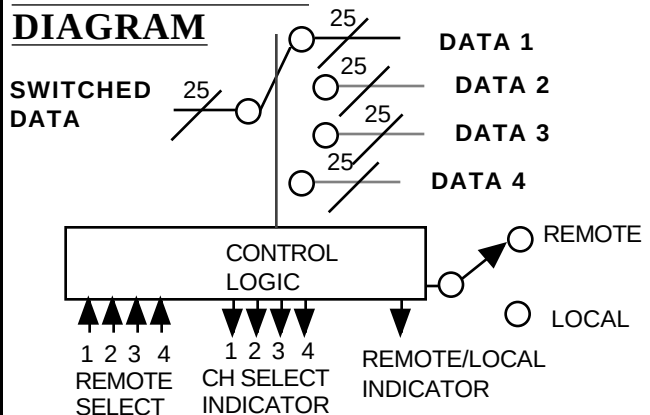
LOCAL /REMOTE Sw	Slide switch selects between Local and Remote operation
LOCAL CH Select	Push button switches Locally select CH1, CH2, CH3, OR CH4
LEDs	CH1, CH2, CH3, CH4 ON-LINE; POWER; LOCAL; REMOTE

Other

Connectors, alarm, Data	Barrier Strip, DB25, female
Mechanical	19 inch standard chassis 1.75"high X 12" deep
Power	Single AC power supply; 90 - 260 VAC, 47 - 60Hz, 30 watts

*Specifications subject to change without notice

1582-45 BLOCK DIAGRAM



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