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 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:** 10Ω, max., < 1Ω 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*