

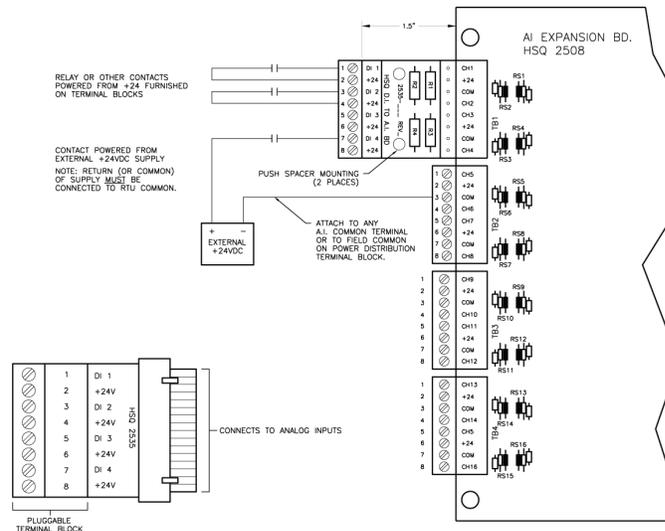
Model 2535

4-Channel Digital Input to Analog Input Adapter Board

Technical Summary

Key Features

- ◇ I/O Type: Four Digital Inputs
- ◇ Four Input per Eight Position Connector
- ◇ 20 mA per Channel
- ◇ High Noise Immunity



Model 2535 connection diagram

The HSQ Model 2535 board contains four digital inputs on an eight position pluggable terminal block. The terminal configuration is identical to the HSQ Model 2509 board. Each input accepts +24 V_{DC} from contact closures or other 24 volt sources referenced to the RTU 24 volt return. The inputs are not dielectrically isolated from the system, but due to their input circuitry are highly immune to noise.

SPECIFICATIONS

Digital Output

- **Channels:** 4 per board with LED displays
- **Rating:** 20 mA per channel @ 24 V_{DC}

General

- **Power:** +24 V_{DC} supplied through the 2504 analog input terminal block connection
- **Connections:** Plug-in type terminal blocks for up to 12 AWG wire (four inputs per eight position connector, 24 V source per input)

Environment

- **Operating Temperature:** 0° – 60° C (32° – 140° F)
- **Humidity:** 5 – 95% RH (non-condensing)
- **Dimensions:** 41 x 38 x 17 mm (1.6 x 1.5 x .65 in.)