

Model 2510

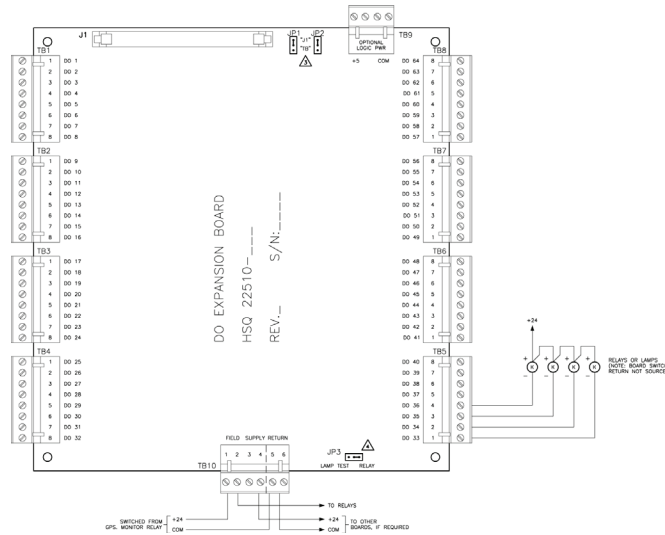
64-Channel Digital Output Expansion Board



Technical Summary

Key Features

- ◇ I/O Type: 64 Digital Output
- ◇ Simultaneous 150 mA Sink
- ◇ 500 mA Maximum per Board



Model 2510
connection diagram

The HSQ Model 2510 board provides 64 digital output drivers, each output has an LED that indicates current status. Outputs can sink 150 mA simultaneously at 60° C (one output per driver; IC can sink up to 500 mA). This board is designed for use with the HSQ 25x86 Logic Processor and is addressed, read, and controlled through that unit's expansion bus via ribbon cable.

SPECIFICATIONS

Digital Output

- **Channels:** 64 per board with LED displays

General

- **Power:** +24 V_{DC}, 5 mA, per active output (other voltages available upon request)
Logic: +5 V_{DC}, 320 mA, (maximum) via expansion bus, where the total load on the bus is less than 1 A, or via terminal block
- **Connections:** Plug-in type terminal blocks for up to 12 AWG wire

Environment

- **Operating Temperature:** 0° – 60° C (32° – 140° F)
- **Humidity:** 10 – 90% RH (non-condensing)
- **Dimensions:** 184 x 203 x 13 mm (7.25 x 8 x .5 in.)