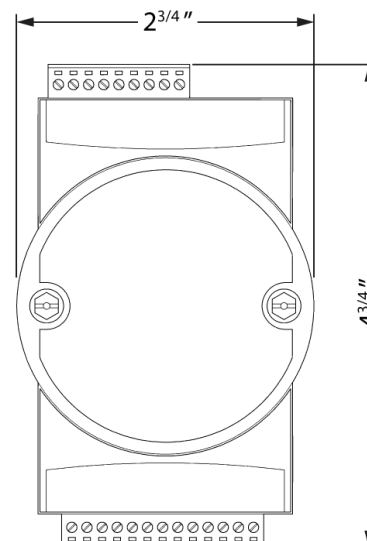


Key Features

- ◇ I/O Type: Eight Digital Input, Eight Digital Output
- ◇ Optical Isolation: 2000 VRMS
- ◇ 10/100 Mbps Base-T Ethernet Communication



The HSQ-6052 is a source type module with eight digital inputs and eight digital outputs. It features 2000 VRMS isolation protection and a built-in Ethernet port.

SPECIFICATIONS

Digital Input

- **Channels:** 8
- **Dry Contact:** Logic level 0: close to GND
Logic level 1: open
- **Wet Contact:** Logic level 0: 0 – 3 V_{DC}
Logic level 1: 10 – 30 V_{DC}
- **3 kHz Counter Input Support (32-bit + 1-bit Overflow)**
- **Keep/Discard Counter Value when Power-Off**
- **3 kHz Frequency Input Support**
- **Inverted DI Status Support**

Digital Output

- **Channels:** 8 (Source Type)
- **Voltage Range:** 10 – 35 V_{DC}
- **Current:** 1 A (per channel)
- **Over-Current Protection Support**
- **High-to-Low and Low-to-High Delay Output Support**
- **5 kHz Pulse Output Support**

General

- **Power Consumption:** 2 W @ 24 V_{DC}
- **Connectors:** Plug-in screw terminal block (I/O and power)
- **Watchdog:** System (1.6 second) and Communication (programmable)
- **Power Input:** 10 – 30 V_{DC}

Protection

- **Isolation Protection:** 2,000 V_{DC}
- **Power Reversal Protection**

Environment

- **Operating Temperature:** -10° – 70° C (14° – 158° F)
- **Storage Temperature:** -20° – 80° C (-4° – 176° F)
- **Humidity (Operating):** 20 – 95% RH (non-condensing)
- **Humidity (Storage):** 0 – 95% RH (non-condensing)

