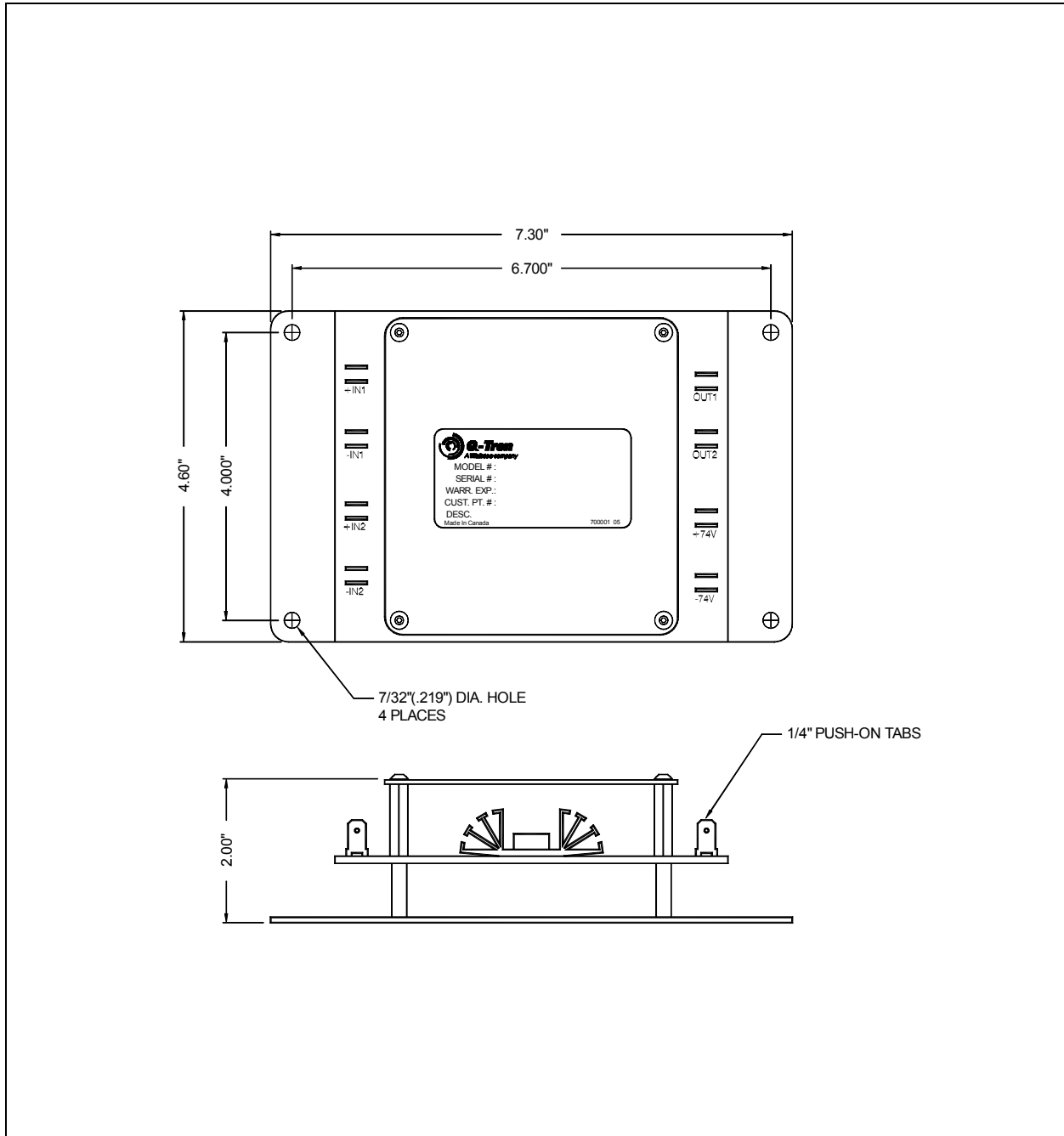


Mini Signal Conditioner Panel

Q-Tron Part No. 7240.1001

Product Information Sheet



Mini Signal Conditioner Panel
Q-Tron Part No. 7240.1001

Figure 1. Mini Signal Conditioner Panel application



Mini Signal Conditioner Panel Specifications

Q-Tron Part No.: 7240.1001
Weight: 5 lb (2.3 kg)
Connections: Terminal connections via fast-on tabs.

Input/Output Signals			
Input	Output	Scale Factor	Maximum Input Voltage
+IN1, -IN1	OUT1, -74V	16:1	400V
+IN2, -IN2	OUT2, -74V	16:1	400V

Figure 2. Mini SCP Panel Input/Output Signal Reference

Operations

The Mini Signal Conditioner Panel (SCP) provides signal isolation, scaling, and filtering for high voltage input signals. Output signals are sent to devices such as QES 1000, QES-III, and QTRAC 1000 systems. Input signals are typically used to measure Dynamic Brake (DB) Grid Blower voltage. The panel is powered from the locomotive +74 VDC supply.

Mounting Instructions

Install the Mini Signal Conditioner Panel in a suitable location in the main electrical cabinet, preferable on the Relay Panel.