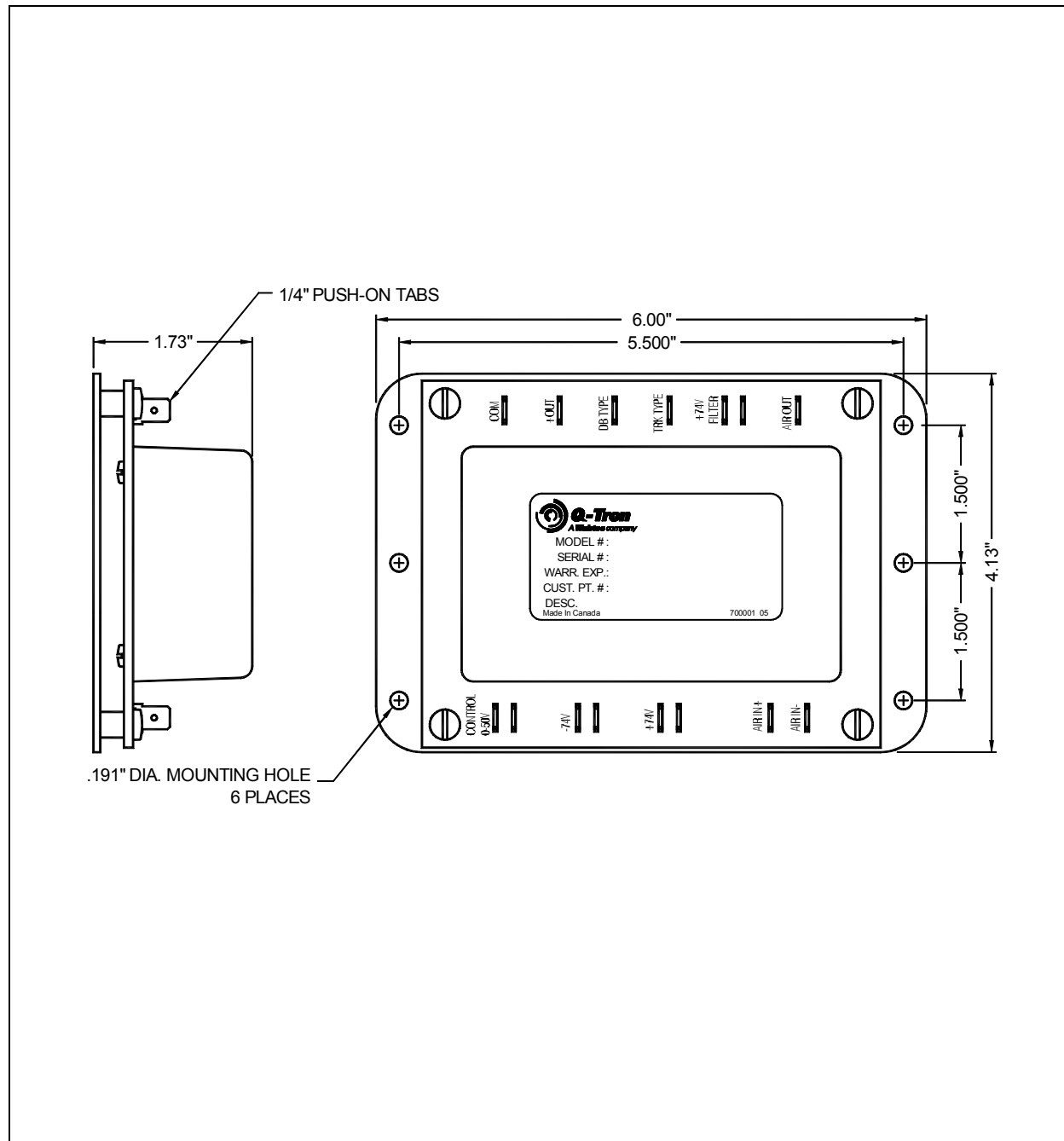


# DC Locomotive Interface Panel

Q-Tron Part No. 7240.1101

Product Information Sheet



**DC Locomotive Interface Panel**  
**Q-Tron Part No. 7240.1101**

Figure 1. DC Locomotive Interface Panel application



## ***DC Locomotive Interface Panel Specifications***

Q-Tron Part No.:	7240.1101
Weight:	1 lb (0.5 kg)
Connections:	Terminal connections via fast-on tabs.

### ***Operations***

The DC Locomotive Interface Panel sends two fixed voltage\* signals to the controlling equipment: one output signal (TRK TYPE) determines locomotive truck type, the other (DB TYPE) determines dynamic brake (DB) type.

The panel is powered from the locomotive +74 VDC and regulates 68 VDC power to the controlling equipment. It also conditions the air temperature sensor input to a usable signal for the QTRAC 1000 unit. Further the panel outputs a filtered +74 VDC signal, which is then input to the QTRAC 1000.

Note: \*The voltage signals which identify DB and truck type are determined by the firmware of the controlling equipment. The voltage signals are based upon locomotive specifications.

### ***Mounting Instructions***

Mount the DC Locomotive Interface Panel in the relay area in the electrical cabinet.