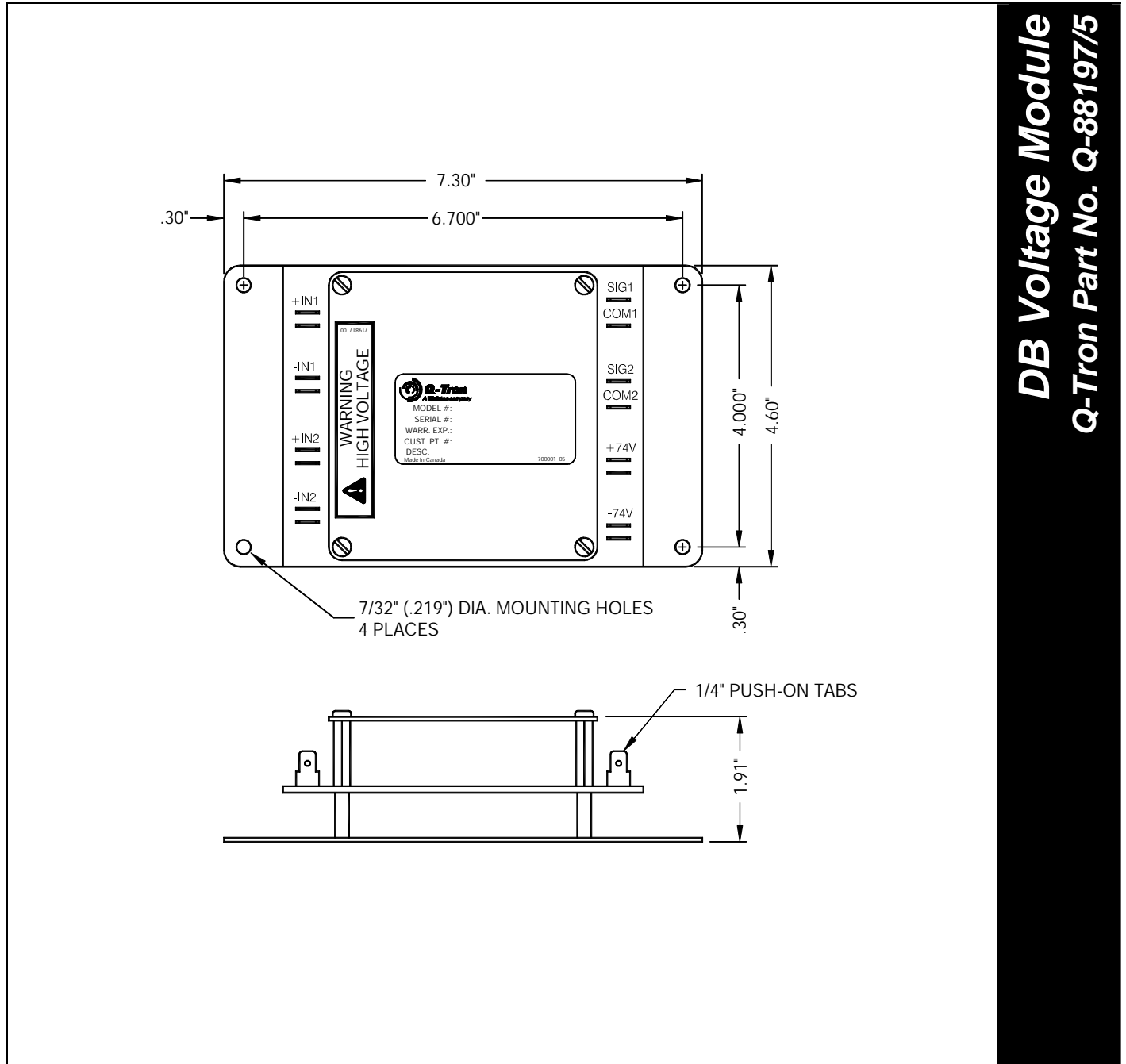


# DB Voltage Module

Q-Tron Part No. Q-88197/5

Product Information Sheet



**DB Voltage Module**  
**Q-Tron Part No. Q-88197/5**

Figure 1. DB Voltage Module application



## **DB Voltage Module Specifications**

Q-Tron Part No.:	Q-88197/5
Weight:	Approximately 1 lb (.5 kg)
Connection:	Use the appropriate connection as indicated below in Figure 2

<b>Signal Description:</b>	<b>Connection:</b>
High Voltage Input (0–1400 VDC)	+IN1, -IN1
High Voltage Input (0–1400 VDC)	+IN2, -IN2
Locomotive supply	+74V, -74V
Isolated and scaled 1–5V output for use by the controlling equipment.	SIG1, COM1
Isolated and scaled 1–5V output for use by the controlling equipment.	SIG2, COM2

Figure 2. Signal Description/Connection Table

## **Operations**

The DB Voltage Module takes a 0–1400 VDC signal directly from the main generator and converts it to a 1–5 VDC signal. A second channel is available for monitoring other high voltage signals, such as grid blowers. All output signals and the battery voltage are isolated from the high voltage inputs. The locomotive supply voltage is +74 VDC (batteries).

## **Mounting Instructions**

Mount the DB Voltage Module inside the high voltage electrical cabinet. Connect it as required, keeping high voltage lines away from other signal wires.