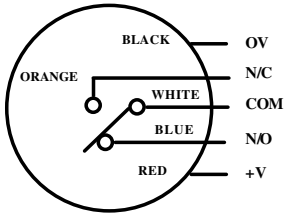


**TS2V4CA**



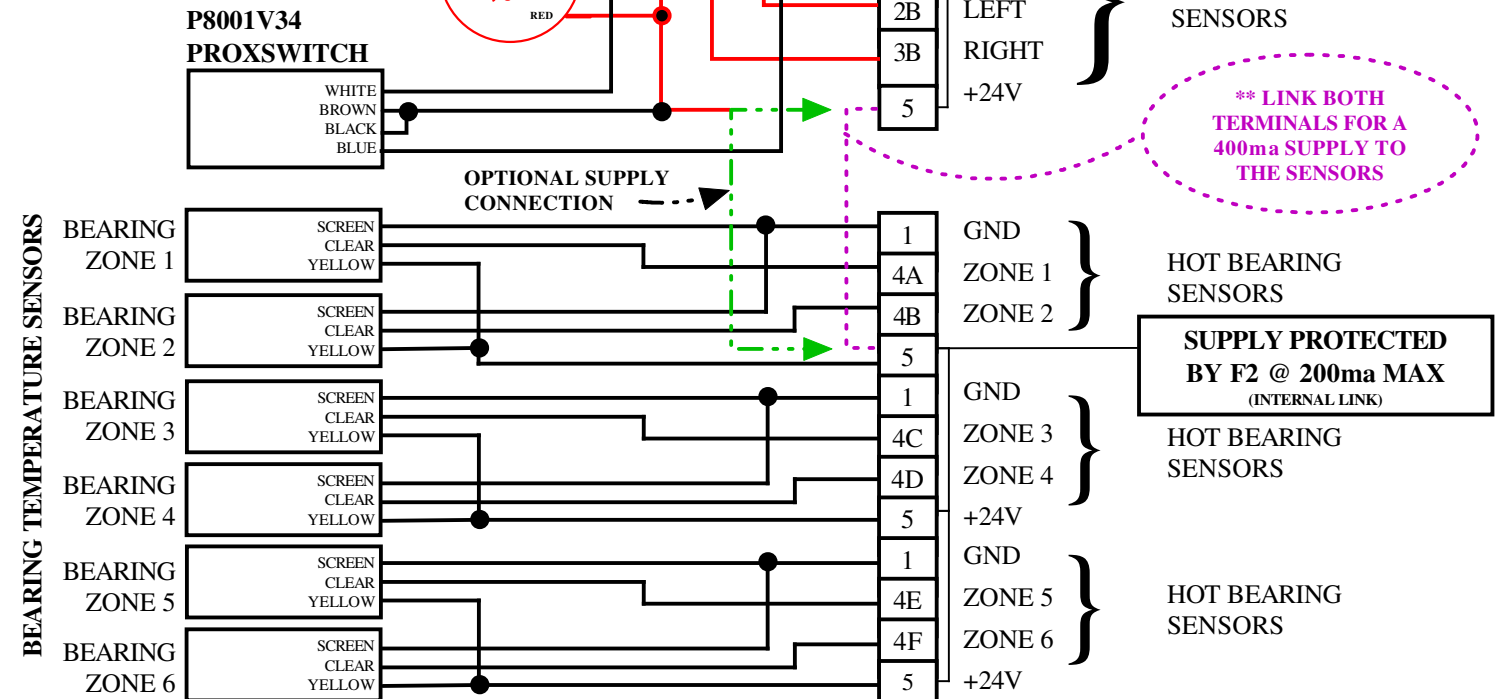
**NOTE: THE TOUCHSWITCHES ARE SHOWN IN THE NORMALLY ENERGISED POSITION. WHEN THE BELT MOVES OVER AND ACTIVATES THE TOUCHSWITCH THE CONTACT DE-ENERGISES.**

**TOUCHSWITCH CURRENT @ 24 VDC IS TYPICALLY < 60ma**

**BEARING SENSOR CURRENT @ 24 VDC IS TYPICALLY < 8ma**

**Watchdog**

**With TouchSwitch Belt Alignment Sensors, P800 ProxSwitch, & Bearing Temperature Sensors**



HEAD ALIGNMENT SENSORS

**SUPPLY PROTECTED BY F1 @ 200ma MAX (INTERNAL LINK)**

TAIL ALIGNMENT SENSORS

**\*\* LINK BOTH TERMINALS FOR A 400ma SUPPLY TO THE SENSORS**

**SUPPLY PROTECTED BY F2 @ 200ma MAX (INTERNAL LINK)**

HOT BEARING SENSORS

HOT BEARING SENSORS

**WARNING: WHEN USING FOUR TOUCHSWITCH SENSORS CONNECT THE UPPER SENSORS TO TERMINAL 5 (F1) AND THE LOWER SENSORS TO TERMINAL 5 (F2).**

**\*\* ALTERNATIVELY, CONNECT TERMINAL 5(F1) AND TERMINAL 5(F2) TOGETHER TO INCREASE THE AVAILABLE CURRENT TO 400ma**

**The maximum permitted current for the Watchdog is 400ma. This is a requirement of the CSA standard under which this unit operates. If the sensors used requires a supply which is greater than 400ma in total, it is necessary to use an external CSA approved power supply.**

**THE TOUCHSWITCH MISALIGNMENT SENSORS ARE DESIGNED TO IMMEDIATELY STOP THE BELT WHEN THEY ARE TOUCHED BY THE MISALIGNED BELT. THEREFORE THE MISALIGNMENT AND PERSISTENT ALARM DELAY SHOULD BE REDUCED TO ZERO.**