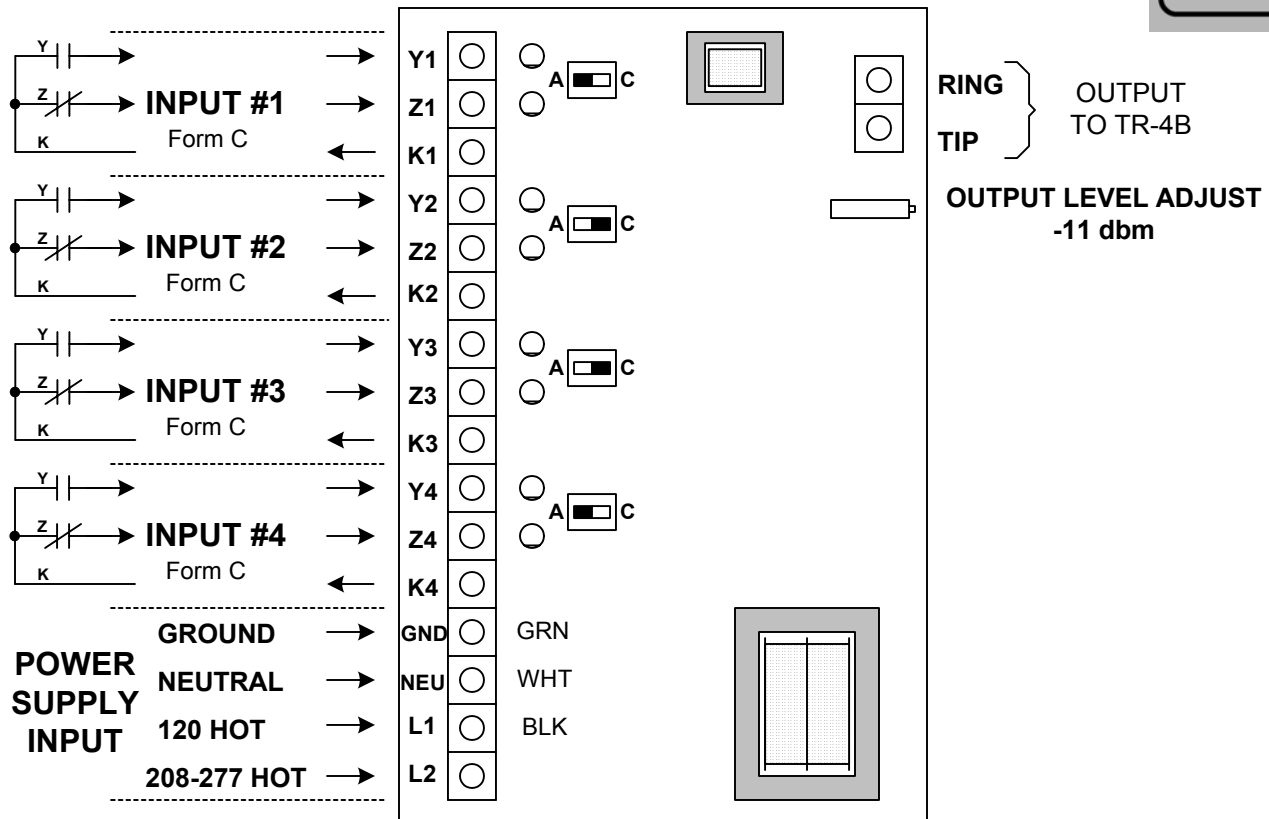


# INSTRUCTION SHEET

## TT-4C TONE TRANSMITTER



**MOUNTING POSITION** - The TT-4C may be mounted in any position.

**POWER INPUT** - The TT-4C can be powered by an AC supply voltage of 120VAC or 208 to 277VAC. Use the L1 terminal for the 120VAC "hot" lead. Use L2 for the 208-277VAC "hot" lead. Use one or the other **BUT NOT BOTH L1 and L2 inputs.** Connect the neutral lead to the NEU terminal and Ground to the GND terminal.

**METER INPUTS** - The TT-4C has four inputs which may be configured as either Form A (2-wire) OR Form C (3-wire) inputs. A sense (wetting) voltage of +13VDC is generated by the TT-4C to wet the meter's pulse initiator, thereby eliminating the need for an external power supply. The "Y and "Z" lines of each input are "pulled-up" to +13VDC. The "K" input is the common return. The Y and Z lines are alternatively activated by closing the switch to the K terminal. For the Form A configuration, use the K and Y terminals of each input. For Form C, use the K, Y and Z terminals.

**FUSES** - The power supply fuse supplied with the TT-4C is 1/2 Amp, type 3AG. Since the TT-4C can be powered by either the 120VAC or 208-277VAC inputs, the fuse is located in the neutral line.

**tone OUTPUT** - The tone output is via two terminals marked TIP & RING. The output level should be normally set for a -11dbm into a 600 ohm load for central office (leased wire pair) or a level to produce -11 dbm at the TR-4C receiver's tone input for a twisted wire pair. The output level may be adjusted by the ten-turn potentiometer located next to the output terminals.



## SOLID STATE INSTRUMENTS

a division of Brayden Automation Corp.  
 6230 Aviation Circle, Loveland Colorado 80538  
 Phone: (970)461-9600 Fax: (970)461-9605  
 E-mail: support@solidstateinstruments.com