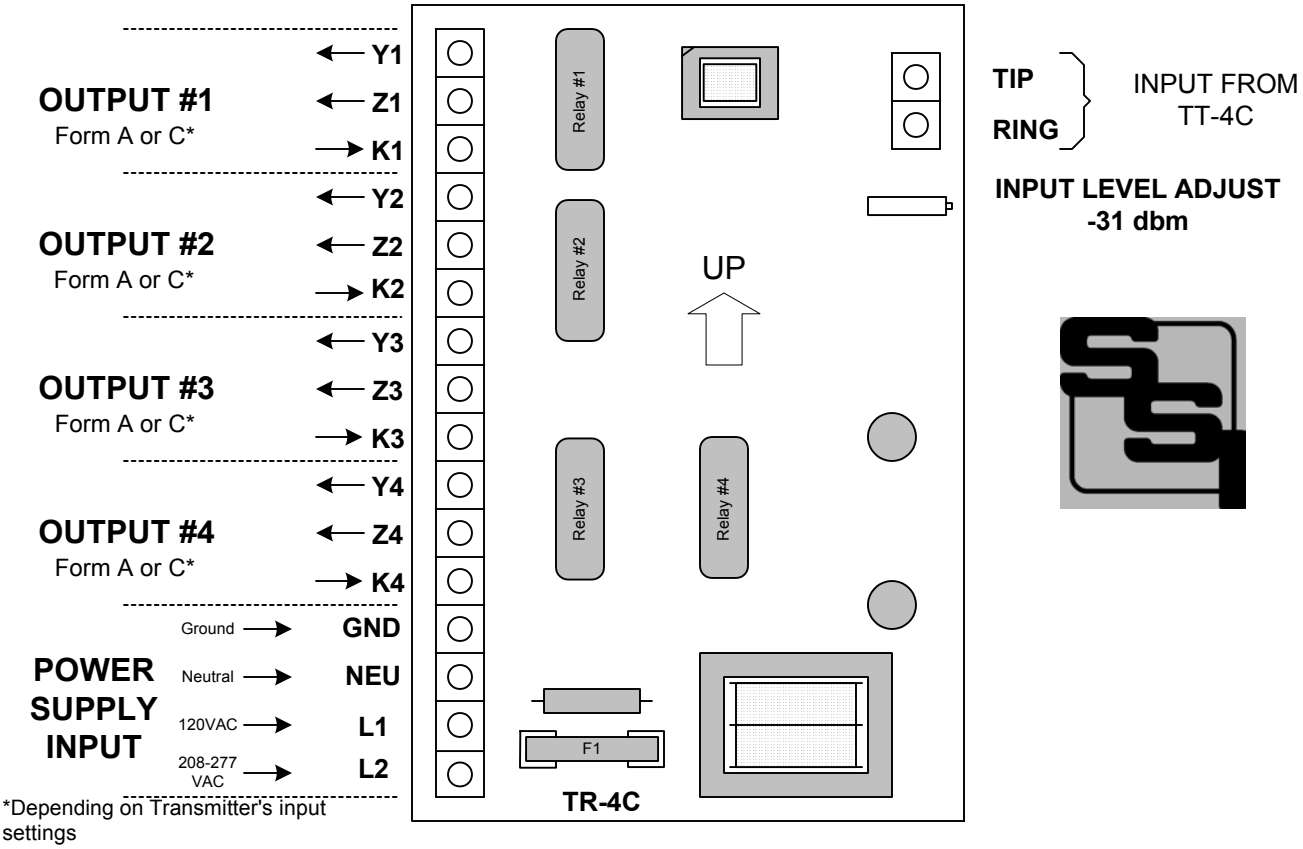
TR-4C

S2 Standard Plus

TONE RECEIVER INSTRUCTION SHEET



*Depending on Transmitter's input settings

MOUNTING POSITION - The TR-4C-S2 may be mounted in any position.

POWER INPUT - The TR-4C-S2 can be powered by 120VAC or 208 to 277VAC. Connect the **GND** terminal to the electrical system ground. Connect the Neutral lead to the **NEU** terminal. Connect the **L1** terminal to the 120VAC "Hot" lead for 120VAC operation. Connect the **L2** terminal to the 208, 240, or 277 "Hot" lead. **Do not use both L1 and L2.**

RELAY OUTPUTS - The TR-4C-S2 has four 3-wire isolated outputs which receive pulse data from a TT-4C tone transmitter. Outputs are K1,Y1, & Z1 for meter #1; K2,Y2, & Z2 for meter #2; K3,Y3, & Z3 for meter #3; and K4,Y4, & Z4 for meter #4. All output relay contacts are solid-state dry-contact (no voltage present) for no-bounce operation. MOV transient voltage suppression for the contacts is provided internally. If a Form A contact configuration is used on one or more of the TT-4C's inputs, use the K-Y terminals for the corresponding output on the TR-4C-S2.

FUSE - The power supply fuse (F1) supplied on the TR-4C-S2 is 1/2 Amp, type 3AG in the 208 to 277VAC input. The 120VAC input is not fused. Remove the fuse (F1) if you are using the 120VAC power supply.

TONE INPUT - The DTMF tone input is via two terminals marked TIP & RING. The input level should be normally set for a -31dbm into a 600 ohm load for central office (leased wire pair) or a level of -31 dbm at the TR-4C receiver's tone input for a twisted wire pair. This -31 dbm level allows the receiver to work over a 40dbm range. The input sensitivity may be adjusted by the ten-turn input level adjustment potentiometer.

GROUND - The GND terminal is a common ground with the chassis and is connected to the Chassis by means of the Lower Left-hand mount screw. Do not tie the Ground and Neutral terminals together here.

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