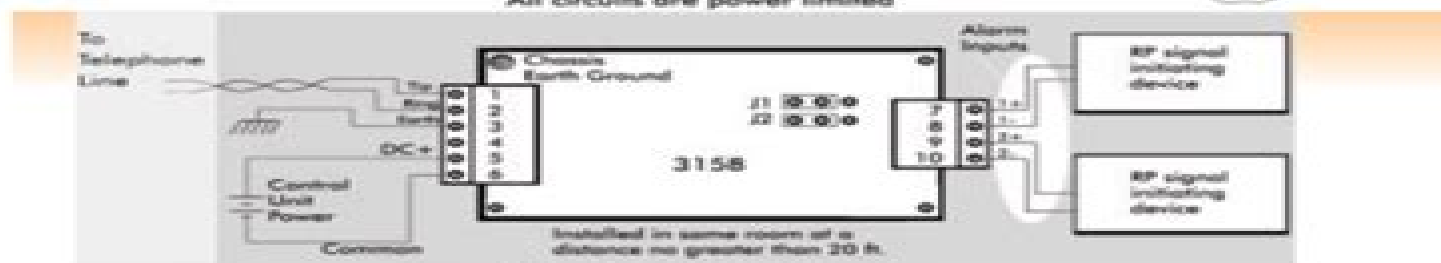


3158 TTM-RPS **Tones Transmitter Module** **Polarity Reversal Inputs**



Wiring Diagram
 All circuits are power limited



Notes: 1) Use 18 AWG UL-listed wire.
 2) Jumpers J1 and J2 are shown in Enable mode.

General

3158 TTM (Tones Transmitter Module) is a unit that accepts reversing polarity (RP) signals and transmits tones. This manual describes the installation of the TTM. The 3158 TTM is intended for connection to a polarity reversal circuit of a control unit at the protected premises having compatible ratings.

Installation

Connect the positive side of a 10-30 VDC Class 2 or Class 3 power limited source of supply to pin 5, and the negative side to pin 6. Note that pin 6 is not an earth ground.

Connect pins 1 and 2 to a 600 ohm telephone line. These lines are electrically isolated from the main circuit of the TTM. These pins are interchangeable. Pin 3 is the earth ground. Connect either this pin or the conductive mounting hole to an earth ground.

Pins 7, 8, 9, and 10 are RP inputs. These inputs are opto-isolated and require 8V/2mA minimum to drive. Connect these to the alarm signal initiating devices, carefully observing the polarities. If only a single zone is used, then the unused side must be disabled by moving a jumper on the PC board. J2 disables the ALARM 1 zone and J1 the ALARM 2 zone. TTM boards are shipped from the factory with both zone jumpers installed in the enable position.

3158 Pin description			
Pin #	Name	Type	Description
1	Tip	Output	Connects to one side of the telephone line
2	Ring	Output	Connects to the other side of the telephone line
3	Earth	Input	Earth ground
4			No connection
5	DC+	Input	Positive 10 - 30 volts DC power input
6	Common	Input	Negative DC power input
7	Alarm1+	Input	First zone RP input (positive when Secure)
8	Alarm1-	Input	First zone RP input (negative when Secure)
9	Alarm2+	Input	Second zone RP input (positive when Secure)
10	Alarm2-	Input	Second zone RP input (negative when Secure)

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Keltron Pet 4ac Transmitter Manual

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