



GENERAL INFORMATION

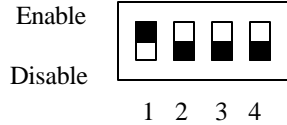
The RHRFSPW is a 54 bit rolling code radio receiver for connection to an access control system. The code received is decrypted, then sent to the output terminals according the format and protocol selected on the internal dip-switches. These different outputs may be used with many access control systems.

TECHNICAL SPECIFICATIONS

- Power supply : 12/24 Volts ac or dc
Power consumption : 30mA
Receiver type : Super-heterodyne
Reception frequency : 433.920 MHz
Frequency stability : + 180 PPM
Receiver sensitivity : < 1.0 uV
Code received : 54 bits rolling code
Operating temperature : -15C to +55C
Dimensions : 5.6" x 4.3" x 1.5"
Weight : 8 oz
Output formats : Wiegand, RS232, data/clock

BUTTON SELECT

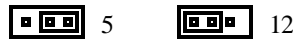
The button select switch matches the transmitter button pressed with the dip switch selected. The left button on the transmitter is button select 1 and the right button on the transmitter is button select 2. If both switches are enabled, then either button will produce an output. Button select 3 & 4 are used with the RTSP4 (4 button) transmitter.



This figure shows button 1 enabled.

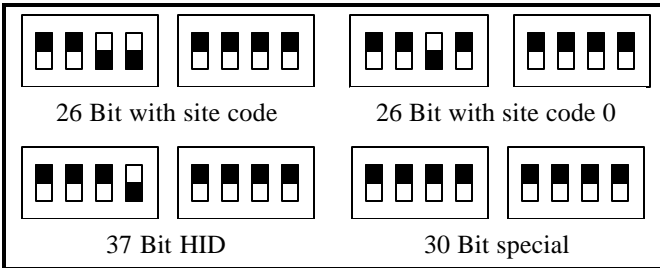
OUTPUT LEVEL SELECT

This jumper selects the output signals (Wiegand and Data Clock) to be 5V or 12V.

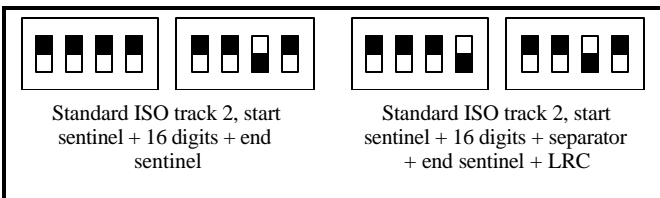


OUTPUT FORMAT AND PROTOCOL

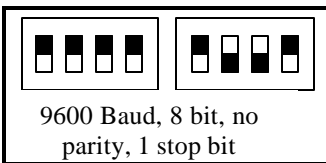
WIEGAND



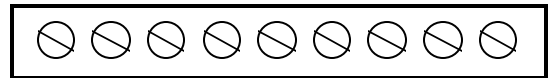
DATA/CLOCK



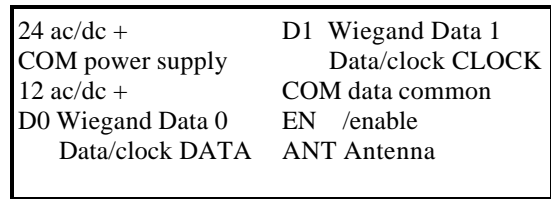
RS232



CONNECTIONS



24 COM 12 D0 D1 COM EN ANT
+ - +

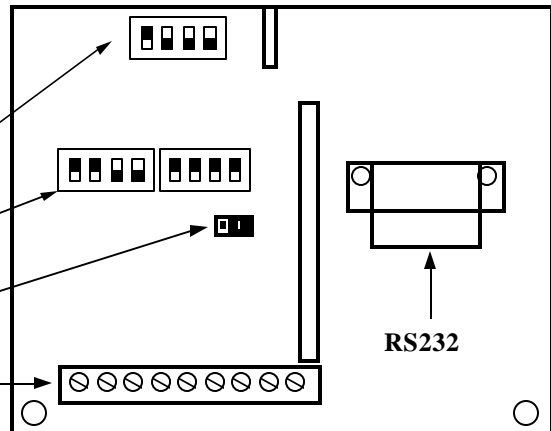


Button select

Format and protocol

Output voltage select

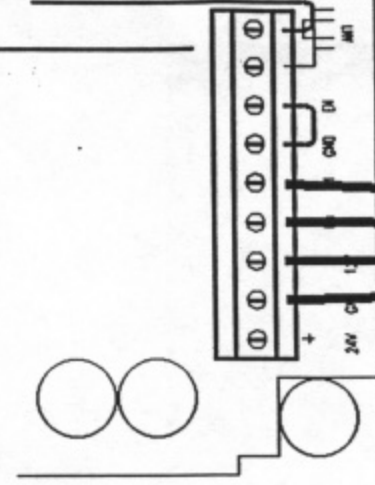
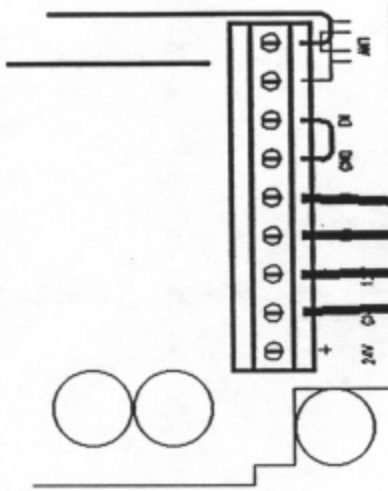
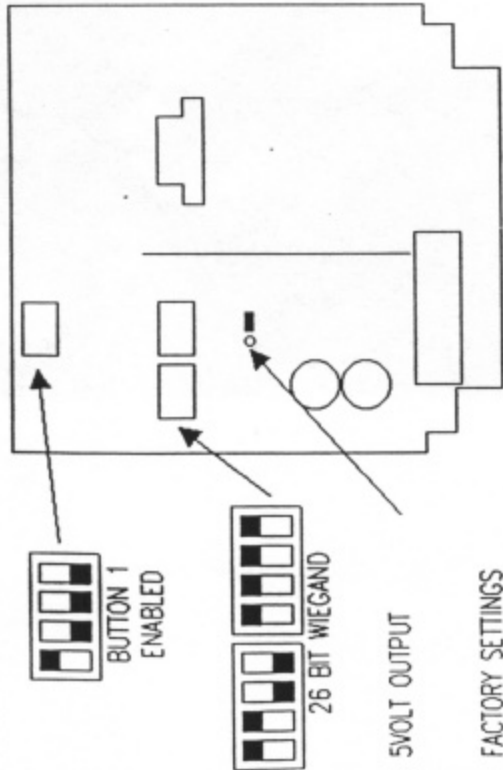
Connections



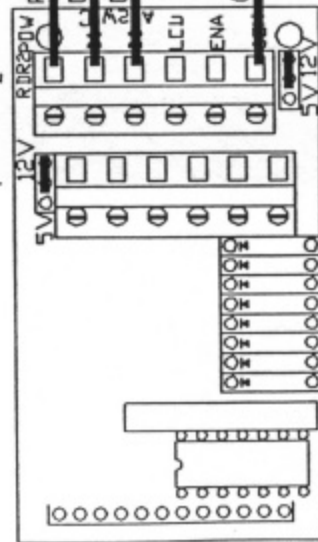
FCC ID: ON3MRRE

RHRFSPW
RADIO RECEIVER

RHRFSPW
RADIO RECEIVER



BELDEN 9940
500 FEET MAX
CUT AND TAPE SHIELD



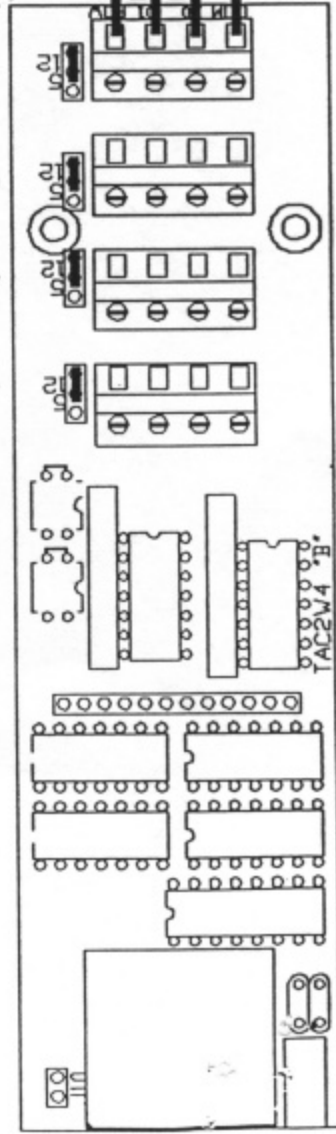
BELDEN 9940
500 FEET MAX
CUT AND TAPE SHIELD

SHIELD TO EARTH GROUND
STUD IN BACK BOX

CAT/TEC 2 READER INTERFACE

READER
1
2
3
4

SHIELD TO EARTH GROUND
STUD IN BACK BOX



CAT/TEC/CATR4 4 READER INTERFACE

TYPICAL RADIO RECEIVER TO CAT/TEC
WIRING CONNECTIONS

RORINT.DWG

REV 0

6/28/00