



GENERAL INFORMATION

The RHRFSP20 is a 54 bit rolling code receiver and decoder. It is capable of storing up to 200 different rolling code transmitters. When a matching rolling code transmitter is received with the proper button select, the internal form "C" relay will operate.

TECHNICAL SPECIFICATIONS

Power supply : 12/24 Volts ac or dc
 Power consumption : 22 mA / 40 mA
 Receiver type : Super-Heterodyne
 Reception frequency : 433.920 MHz
 Frequency stability : +/- 100 kHz
 Receiver sensitivity : < 1.5 uV
 Code received : 54 bits rolling code
 Output : 1 Form "C" relay, .5A @ 24V
 Output type : Mono-stable or Bi-stable
 Signal : Red LED
 Button select number : One
 Operating temperature : -10C to +55C
 Storage temperature : -40C to +85C

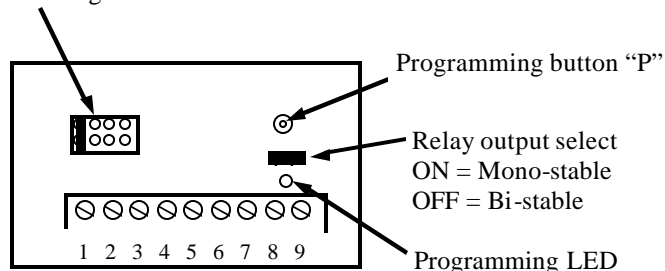
BUTTON SELECT

The button select switch matches the transmitter button pressed with the jumper installed. The left button on the transmitter is select button 1 and the right button on the transmitter is select button 2.



Button 1 Button 2 Button 3 Button 4

This figure shows button 1 enabled for this receiver



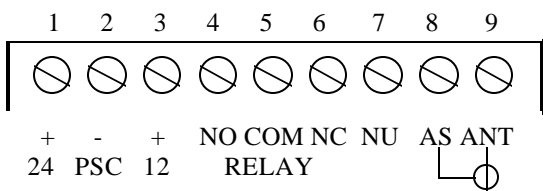
PROGRAMMING one or more transmitters into receiver.

1. Press button "P" the LED will light solid.
2. Press button on transmitter to be programmed. Programming LED will flash. When LED stops flashing transmitter number has been programmed in receiver.
3. Press button on next transmitter to be programmed. Follow the sequence in step 2.
4. Continue until all transmitters have been programmed.
5. When finished programming all transmitters, press button "P" to exit programming mode.
6. If no transmitters are received within any 10 second period the receiver will automatically exit the program mode.

ERASING all transmitter numbers from receiver.

1. Press and hold button "P" until programming LED starts flashing, then release button "P".
2. Press button "P" within 6 seconds to confirm erasing all transmitters from memory.
3. Programming LED will flash faster when memory is erased.

CONNECTIONS



- 1 +24 ac/dc
- 2 PSC power supply common
- 3 +12 ac/dc
- 4 NO normally open relay contacts
- 5 COM Relay
- 6 NC normally closed relay contacts
- 7 NU Not used
- 8 AS Antenna Shield
- 9 ANT Antenna core

FCC ID:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation