

RECEIVER

RX ES CAN-HL



TECHNICAL SALES SHEET

Receiver Type: RX ES CAN-HL

- **Housing:**
Impact resistant polymer composite
- **Weight:**
Up to 650 g (1.4 lbs)
- **Dimensions:**
Height: 131 mm, (5.16 in) not including antenna
Width: 166 mm, (6.54 in)
Depth: 88 mm, (4.46 in) including vibration mounts
- **Environmental Protection:**
IP 65 (Exceeds Nema 12/13)
- **Antenna:**
External via TNC connector
- **Power Supply:**
12/24 VDC +/- 50%
- **Fuse:**
PTC 72 VDC, 3 A trip (1.5 A hold)
- **I/O:**
2 Independent high speed CAN open serial communications interfaces
1 RS232 serial communications interface for H-Link programming and cable back-up
- **Outputs:**
2 MC safety relay outputs at 250 VAC, 8 A
2 Programmable NO/NC changeover relay outputs at 250 VAC / 30 VDC, 5 A
- **Diagnostics:**
External LEDs for Operation, TX Signal Reception, E-stop Error, Main Contact, CAN Status and CAN Error.
- **Frequency:**
419 MHz, 429 MHz, 434 MHz, 447 MHz, 458 MHz, 480 MHz, 868 MHz, 2.4 GHz
- **RF Unit:**
Type CS synthesized with multiple frequencies
- **Typical Operating Range:**
Up to 100 m (300 ft)
- **Safety:**
20-bit ADMO address scheme with up to 1 million possibilities
Active and passive stop function
Parity and checksum
Safety Category SIL 3, PLD
- **Temperature Range:**
-25°C to +70°C (-13°F to +158°F)
- **Humidity Range:**
0 - 97% maximum non-condensing
- **Response Time:**
Less than 100 msec
- **Baud Rate:**
Varies 4800 or 9600 bps
Depending on type of transmission
- **Standard Features:**
Fully programmable via H-Link
Built-in quick disconnect connector
Half and full duplex feedback in radio mode
RS232 cable backup with half duplex feedback
Up to 4 transmitters can control 1 receiver
Vibration mounts
- **Standard Options:**
RS232 PC H-Link
Connection cables and plugs

