

# RX ES CAN HL



**HETRONIC**  
CENTRAL BAL TIC



# 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:  
419MHz, 429MHz, 434MHz, 447MHz, 458MHz, 480MHz, 868MHz, 2.4GHz
- 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 ... +70°C (-13°F ... +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

