

RECEIVER

RX MLC



TECHNICAL SALES SHEET

Receiver Type: RX MLC

- **Housing Material:**
Impact resistant polymer composite
- **Environmental Protection:**
IP 65 (exceeds Nema 12/13)
- **Weight (Approx.):**
1519,5 g, 3.35 lbs
- **Dimensions (Approx.):**
Height: 160 mm, (6.3 in)
Width: 246,5 mm, (9.7 in)
Depth: 88 mm, (3.5 in)
- **Antenna:**
External via TNC Connector
- **Power Supply:**
12/24 VDC +/- 50%
- **Diagnostics:**
External LEDs, power/operation, TX signal reception, E-stop error, TX signal type
- **Display screen is optional:**
Touch Screen Characteristics:
4.3 in or 7 in Screen Size
4mm tempered glass or 2mm Plastic Substrate
0.25mm, 1024 x 1024 Resolution
10 mS response time
Up to 10-point multi-touch
Single and double point recognition
- **Frequency:**
419 MHz, 429 MHz, 434 MHz, 447 MHz, 458 MHz, 480 MHz, 868 MHz, also available with 2.4 GHz
- **Inputs/Outputs: Hetric Controller:**
Inputs:
Main contact input (current feedback limited)
8 Main inputs (can be analog or digital)
8 VC error inputs
1 On-board RF module
1 USB Device Port (for firmware upgrade)
1 JTAG
- **Outputs:**
12 Power digital outputs at 12-36 VDC, 8A max
8 Programmable PWM ora VC /actuator motor/digital outputs
1 External RF module option (full duplex)
Main contact output
- **Expansion:**
12 Digital TTL Oututs
1 RS232 used for cable control & configuration
RF Unit
Type CS Synthesized with multiple frequencies
CAN
- **Safety:**
20-bit ADMO address scheme with up 1 milion 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.
- **Inputs/Outputs: OEM Controller**
Inputs:
32 User inputs (can be analog or digital)
1 USB Device Port (for firmware upgrade)
1 JTAG
- **Outputs:**
7 Status LEDs
2 CAN Bus
1 Software controlled variable voltage output
- **Expansion:**
8 Digital TTL Inputs
8 Digital TTL Outputs
1 RS232
1 TTL UART
1 MicroSD card slot
1 Real-time clock
1 User EEPROM
1 Accelerometer

