

Receiver Type: MLC Receiver

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, TNC mount or cable assembly with magnet mounts

Power Supply:

12/24 VDC +/- 50%

Diagnostics:

4 Main controller LEDs

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



MLC is offered with or without a display

Inputs/Outputs: Hetricon 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
8 PWM-VC Channels
1 External RF module option (full duplex)
Main contact output

Expansion:

12 Digital TTL Outputs
1 RS232 used for cable control & configuration

RF Unit

Type CS Synthesized with multiple frequencies

Typical Frequency Range:

419 MHz, 429 MHz, 434 MHz,
447 MHz, 458 MHz, 480 MHz, 868 MHz, 1216 MHz
Also available with 2.4 GHz

Safety:

20-bit address with over 1,000,000 combinations
Active and passive stop function
Parity and Checksum

Temperature Range:

-25 ... +70 C (-11 ... +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



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