

RECEIVER

RX MESH L DC8 / DC 16



TECHNICAL SALES SHEET

Receiver Type: RX MFSHL DC 8 / RX MFSHL DC 16 PWM

- **Housing Material:**
Polycarbonate (PC) blend or HSP 32
- **Environmental Protection:**
IP 65 (Exceeds Nema 12/13)
- **Weight:**
Up to 300g, (0.7 lbs)
- **Dimensions:**
Length: 118 mm, (4.6 in)
Height: 133 mm, (5.2 in)
Depth: 36 mm, (1.4 in)
- **Antenna:**
External
- **Power Supply:**
12/24 VDC +/- 20%
- **LED Diagnostics:**
Power/operation/internal, transmission reception,
Main Contact (MC) error, memory error
- **RX-MFSHL DC8 Outputs:**
 - 8 N.O. solid state switching outputs at 5 A per output, maximum total current output at 8 A
 - Overload protection at 10 A
- **RX-MFSHL DC16-PWM Outputs (Digital):**
 - 16 solid state on/off outputs at 5 A
 - N.O./N.C. and on/off delays free programmable
- **RX-MFSHL DC16-PWM Outputs (Proportional):**
 - Two PWM outputs - 4-bit resolution
 - Dither, Amp, Min/Max fully programmable
 - 1 Solid state N.O. Main Contact (MC) output 8A max
- **RX-MFSHL DC16-PWM Inputs:**
 - Two 12/24 VDC
- **Frequency:**
868MHz, 916 MHz
- **RF Unit:**
Type MFS with single frequency, selectable duty cycle
- **Power (RF Output):**
< 3 mW
- **Typical Operating Range:**
Approximately 30 m (100 ft.) line of sight
- **Safety Address:**
20-bit ADMO address scheme with up 1 million possibilities
Permanently assigned in transmitter
Address learning receiver
- **Safety:**
Active and passive Stop function
Parity & Checksum
Safety Category SIL 1, PLc
- **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:**
Up to 76.8 Kbps. (selectable via H-Link)
- **Standard Features:**
Fully programmable via Pocket PC with H-Link modem
Built-in industry standard quick disconnect connector
Main Contact (MC) short-circuit monitor protection

