R–5 16 Channel Basic Receiver

Up to 16 Functions Latching or Momentary

FEATURES

- **Low Cost**
  Economical way to add radio control capability to a wide range of equipment.

- **Compact Size**
  Mounts in tight locations.

- **Easy Installation**
  Terminal blocks are easily accessible for simple, clean installation.

- **License Free**
  Pre-certified FCC - no license required.

OPERATION

Radio Operation

Up to 16 solid state 10-amp outputs can be factory programmed for latching or momentary operation. Special functions can be programmed into the receiver for specialized applications.

Pushbutton Learn

Transmitter and receiver are “married” to permit operation of multiple radios in the same area without interference or cross-control. Transmitters and receivers can be married in the field by pushing a button in the receiver.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXS</td>
<td>900MHz standard range receiver, 16 channel</td>
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<tr>
<td>RES</td>
<td>900MHz extended range receiver, 16 channel</td>
</tr>
<tr>
<td>RZS</td>
<td>2.4GHz international receiver, 16 channel</td>
</tr>
<tr>
<td>RF5</td>
<td>433MHz receiver, 16 channel</td>
</tr>
<tr>
<td>RU5</td>
<td>Microlink receiver, 16 channel</td>
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</tbody>
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SPECIFICATIONS

**General**

- **Power Requirement**: 12-30vdc, 100mA nominal + power to loads
- **Fuses**: 10-amp mini blade fuse

**Radio**

- **Frequency**
  - RZ5: 2.4-2.4835GHz, Unlicensed ISM band international option
  - RX5-24/RE5-24: 902-928MHz, Unlicensed ISM band
  - RF5/RU5: 433MHz, fixed frequency

- **RF Connector (option)**: BNC

- **Outputs**: Up to 16 solid state 10-amp sourcing

- **Field Wiring**: Internal, eurostyle cage clamp terminals
  - Water resistant cable gland for wire entry
  - Jacketed cable recommended

**Enclosure**

- **Material**: Polycarbonate, NEMA 4X
- **Approximate size (R-5)**: 4.53”L (+1.2” cable gland) x 3.54”W x 2.17”D

**Environmental**

- **Storage**: -40°C to 85°C
- **Operating**: -40°C to 60°C