



# R-6 1 to 10 Channel Compact Receiver

*Compact Modules with Popular Deutsch DT Connector*



## FEATURES

- **Low Cost**  
Economical way to add radio control capability to a wide range of equipment.
- **Rugged and Compact**  
Potted module mounts in tight locations.
- **Easy Installation**  
Deutsch connector for simple, clean installation.
- **License Free**  
Pre-certified FCC - no license required.

## OPERATION

### Radio Operation

Models with up to 10 solid state 10-amp outputs. Special functions can be programmed into the receiver for specialized applications. Compatible with most transmitter options.

### Learn Mode

Receiver can “learn” a new transmitter in the field by operating 2 transmitter functions simultaneously within 3 seconds of powering receiver on.

## ORDERING INFORMATION

PART #	DESCRIPTION
RX6	900MHz standard range receiver, 4 to 10 channels
RE6	900MHz extended range receiver, 4 to 10 channels
RZ6	2.4GHz international receiver, 4 to 10 channels
RF6	433MHz receiver, 4 to 10 channels
RU6	Microlink receiver, 4 to 10 channels

## SPECIFICATIONS

### General

Power Requirement 12 or 24 vdc, 100mA nominal + power to loads

Fuses Customer-supplied fuse should be installed in field wiring

### Radio

Frequency RZ6: 2.4-2.4835GHz, Unlicensed ISM band

RX6/RE6: 902-928MHz, Unlicensed ISM band

RF6/RU6: 433MHz, fixed frequency

RF Connector (option) BNC

Outputs Up to 10 Solid state 10-amp sourcing

Field Wiring Deutsch DT06-12S plug and contact kit

Crimp contacts provided for 16-18awg stranded wire

### Enclosure

ABS, Potted box, NEMA 4X

Approximate size: 5.5”L x 3.2”W x 2”H

### Environmental

Storage -40°C to 85°C

Operating -10°C to 60°C