

25R15A Receiver

- 14 Control/1 Alarm/1 Safety Relay
- 120 VAC Power Supply
- 6 ft. Wiring Harness Connection



RF Characteristics

RF unit.....	Microprocessor controlled PLL synthesizer with up to 85 different channels
Frequency Range.....	902-928 Megahertz (MHz)
Channel Spacing.....	300 Kiloherztz(KHz)
Modulation.....	Packet Mode, Digital Frequency, Modulation(FM) based on Manchester code
Receiver Type.....	Dual Conversion FM
FCC ID #.....	EGT810RX
Industry Canada Certification #.....	249 710 2624A
Sensitivity.....	1 µV usable
IF Bandwidth.....	180 KHz
Response Time.....	60 Milliseconds
Update Rate.....	16 packets per second command, 4 packets per second idle
Range.....	300- ft. obstructed view, 1000-ft. line of sight (unobstructed)
RF approvals.....	License-free in North America
Antenna.....	3" tuned element

Safety and Operational Characteristics

Maintained Link.....	Receive at least one valid transmission each second to continue operations
Loss of Maintained Link.....	Safety shutdown, positive restart required
Addressing.....	16-bit, 65,535 unique addresses with 85 channels providing over 5 million variations
Safety Decoding.....	16-bit Cyclic Redundancy Codes (CRC) check
Safety Stop.....	Over-riding Stop command with safety relay
Start-Up Safety.....	Start inhibited if controls pressed before start
Status Indications.....	Full function diagnostics LED indicators for Power, Signal and Output
Power Requirements.....	120 VAC power supply
Transmitter Registration.....	AutoLink™ button

Environmental Characteristics

Temperature Range.....	-20° to +160° F (-29° to +71° C)
Humidity Range.....	0-97% maximum non-condensing
Environmental Protection.....	Humisealed electronics
IP Rating.....	IP 65

Physical Characteristics

Connector.....	6 ft. Wiring Harness Connection
Antenna.....	Top mounted or remote
Housing Material.....	Aluminum Extruded
Weight.....	4 lbs. (1.814 kg)
Dimensions.....	10" x 5" x 2.5" (25.4 cm x 12.7 cm x 6.35 cm)