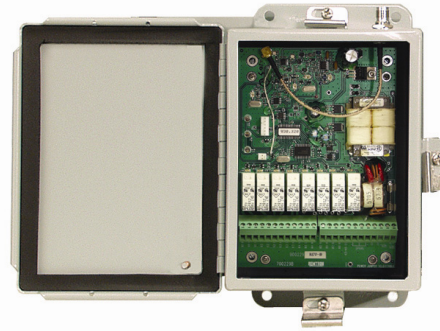


22R08A Receiver

- 8 Ten-Amp Relays
- 115/230 VAC or 12/24 VDC Power



RF Characteristics

RF unit.....	Microprocessor controlled PLL synthesizer with up to 85 different channels
Frequency Range.....	902-928 Megahertz (MHz)
Channel Spacing.....	300 Kilohertz(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 μ V 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

Relays.....	4 form-C control relays and 4 form-A control relays
Output Contacts.....	5 Amps @ 230 VAC
Addressing Safety.....	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.....	Standard 12 VDC (11 WDC to 14 VDC) power Optional 24, 115 or 230 VAC, 1-phase, 50 to 60 Hz and 24 VDC
Maximum Current Drain.....	0.12 Amps @ 115 VAC

Environmental Characteristics

Temperature Range.....	-20° to +160° F (-29° to +71° C)
Humidity Range.....	0-97% maximum non-condensing
UL Rating.....	UL 508
Environmental Rating.....	NEMA 4

Physical Characteristics

Connector.....	Terminal Strip Connection
Antenna.....	Case Mounted or remote
Housing Material.....	Metal (optional fiberglass and stainless steel)
Weight.....	8.125 lbs. (3.69 kg)
Dimensions.....	8" x 6" x 4" (20.32 cm x 15.24 cm x 10.16 cm)