



EDGE-WS-RX EDGE-WS-TX

Wireless Switch

Product Description

The Entek EDGE series self powered, wireless switches are the ideal solution for sensing or signaling in applications where wiring is either inconvenient, costly or even impossible. Applications include moving machinery, mobile equipment, or even on the factory floor. Several configurations are possible including multiple transmitters with a single receiver or multiple receivers; or multiple output channels with multiple transmitters; or even multiple receivers and transmitters each working independent of each other. Several options are available including dry contact switch inputs or magnetic “contact-less” activation. Custom options are available - contact the factory for additional information.

Features

- Extremely simple to install - no configuration required
- Long life battery powered transmitter - no external power required
- Optional Transmitter IP67 environmental protection - fully encapsulated
- Robust non-metallic PVC enclosure
- 3 receiver channels for multiple individual sensors or transmitters
- Multiple transmitters supported on a single receiver channel
- Over 4 billion ID codes prevent interference with other devices or units
- DC powered receiver with “PLC friendly” N.O. sinking outputs or NO/NC Relay outputs

Specifications

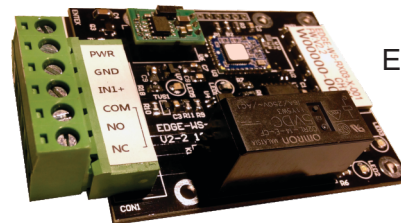
Operating Frequency Band:	902-928 MHz
Number of Channels:	25
Channel Spacing:	500 kHz
TX Output Power:	+9.5 dBm
Modulation:	FHSS (frequency hopping spread spectrum)
RX Supply Voltage:	8 to 30 VDC @ 100ma
RX Output Type:	NPN Sinking (500ma) or NO/NC Relay (10A)
RX Output Impedance:	22 ohms
Operating Temperature Range:	-30 to 50 C
Operating Cycles (battery life):	>250,000 (typical)
Enclosure:	PVC
Environment:	Option - Fully encapsulated (IP69)



EDGE-WS-TX01-A



EDGE-WS-RX02-X



EDGE-WS-RX03-X

Ordering Information

EDGE-WS- -

MODEL	
RX01	Receiver, 2 Output, NO NPN sinking output, DC Powered
RX02	Receiver, 2 Output, NO/NC Relay, DC Powered
RX03	Receiver, 1 Output, NO/NC Relay, DC Powered
TX01	Transmitter, 1 Channel, Magnetic Sw, Battery Powered
TX02	Transmitter, 3 Channel, External Contact, Battery Powered

OPTIONS	
A	Encapsulated
B	Aluminum Enclosure
C	1m Pigtail Leads
X	Conformal Coated

These devices are NOT to be used in applications where malfunction or mis-operation could result in human injury or death including Emergency Stop or Safety lockout functions or where used to operate any equipment outside of the safe operating distance for that equipment.