

ENOCEAN WIRELESS WINDOW/DOOR SENSOR E9T-MDCCP



DESCRIPTION

The **ILLUMRA Wireless Door/Window Sensor model E9T-MDCCP** maximizes the energy savings of heating and air conditioning systems by providing wireless status of windows and/or doors. The sensor uses a magnet contact switch that is powered by a solar cell and communicates with a wide variety of **ILLUMRA** products.

Energy waste can be reduced by 20 to 60 percent by disabling blowers and/or adjusting temperature setpoints in HVAC systems when windows and doors are left open. The wireless Door/Window Sensor is a key component to reducing energy waste in hotel, condominium and dormitory buildings.

These sensors communicate with **ILLUMRA's E9R-x** series of receivers.

FEATURES

- **Solar powered**
- **Can run in total darkness for several days**
- **No batteries - No Maintenance**
- **Install in minutes**
- **Eliminate the need to pull wires to sensors**



E9T-MDCCP



SPECIFICATIONS

DEVICE OPERATION

Supply Power	Self-powered with integrated solar cell, 18 fc (200 Lx) for 2 hours for full device charge, Operates 3 days in darkness after full charge
Sensor Type	Magnetic Reed Switch
Transmitted Range Value	Open/Closed
Accuracy	Digital On/Off
Indication	Small LED blinks during transmit
Controls	1 button through hole (Teach)
Mounting	4 screws / 2-sided tape
Operating Temperature	-4° to 140°F (-20° to 60°C)
Operating Humidity	0 to 95% RH, Non-condensing
Construction	ABS plastic, UL94 V-0
Color	White
Enclosure Rating	NEMA 1 (IP40)
Dimensions	0.62"W x 3.86" H x 0.81"L (157 x 9.80 x 2.06 cm)
Weight	0.11 lbs (0.05 Kg)
Warranty	3 years

RADIO

Protocol	EnOcean
Frequency	902 MHz (Classic 315 MHz available on request)
Modulation	Direct Sequence Spread Spectrum (DSSS)
Transmit Power	10 mW (10 dBm)
Open Air Range	65' (20m)
Transmission Time	20ms
Transmission Interval	Transmits on COS and updates every 10 seconds
Antenna	Internal
Channels	One
Device Addresses	100 transmissions per minute
Programming	Push button in field
EnOcean Equipment Profile	EEP #, Defines payload and control sequence use D5-00-01, Single input contact
Repeater Capable	Yes
Compliance	FCC ID# SZV-STM320C, SZV-STM320U, IC# 5713A-STM320C, 5713A-STM320U, RoHS, CE

ORDERING INFORMATION

MODEL[†]
E9T-MDCCP

DESCRIPTION

Window/door sensor with magnet contact, 902 MHz

[†] Add -315 for 315 MHz at the end of the part number to order.