

CS202-SLIM

SINGLE PIECE BURIED MOTION SENSOR

Applications

The CarSense 202 is based on the well known CarSense101 design. The single piece design provides the installer with a simple installation procedure. The CarSense 202 is buried in the ground, so it will not be noticed by a potential intruder or vandals. The CarSense 202 accepts a wide range of power input of 9-41 VDC and 6-29 VAC. The low current consumption of 250uA and 12mA detected make the CarSense 202 Slim a great choice for solar applications.

- Access control – “free exit” vehicle detector for gates, overhead doors and parking barriers.
- Security – detects approaching vehicles or an unauthorized movement of a parked vehicle and actuates alarms, video cameras, or vehicle enunciator.
- Energy conservation – detects moving vehicles along a driving path in a warehouse and turns on lights only in the proximity of the vehicle.
- Safety – detects moving vehicles in an industrial environment where there are blind areas along the driving path and actuates warning lights.

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EMX

INDUSTRIES

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WIRING INFORMATION

5 Wire Model

- Red Power +
- Black Power -
- Green Relay Common
- White Relay Normally Closed
- Brown Relay Normally Open

3 Wire Model

- Red Power +
 - Black Power -
 - Blue N/O
- (Blue connects to Black on detection)

Note: Polarity on 5-wire model is not important.

In most cases, when installing the CS202 in free exit or enunciator applications, the Green and Brown wires are used. In applications that need normally closed contact, as in magnetic lock installations, the Green and White wires are used.

Technical Data

Power Supply	9-41 VDC or 6-29 VAC (not to exceed 35V peak) \pm 10%
Stand-by Current	250uA maximum
Detect Current	12 mA maximum
Relay Type	DPDT
Relay Contact Rating	1A 24V DC 120 V AC
Surge Protection	MOV, Neon, and Silicon protection devices

Ordering Information

- CS 202S-3-X (3 wire version) X = length of lead-in wire per 50 foot increments
- CS 202S-5-X (5 wire version)

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 2.2 08/10/11