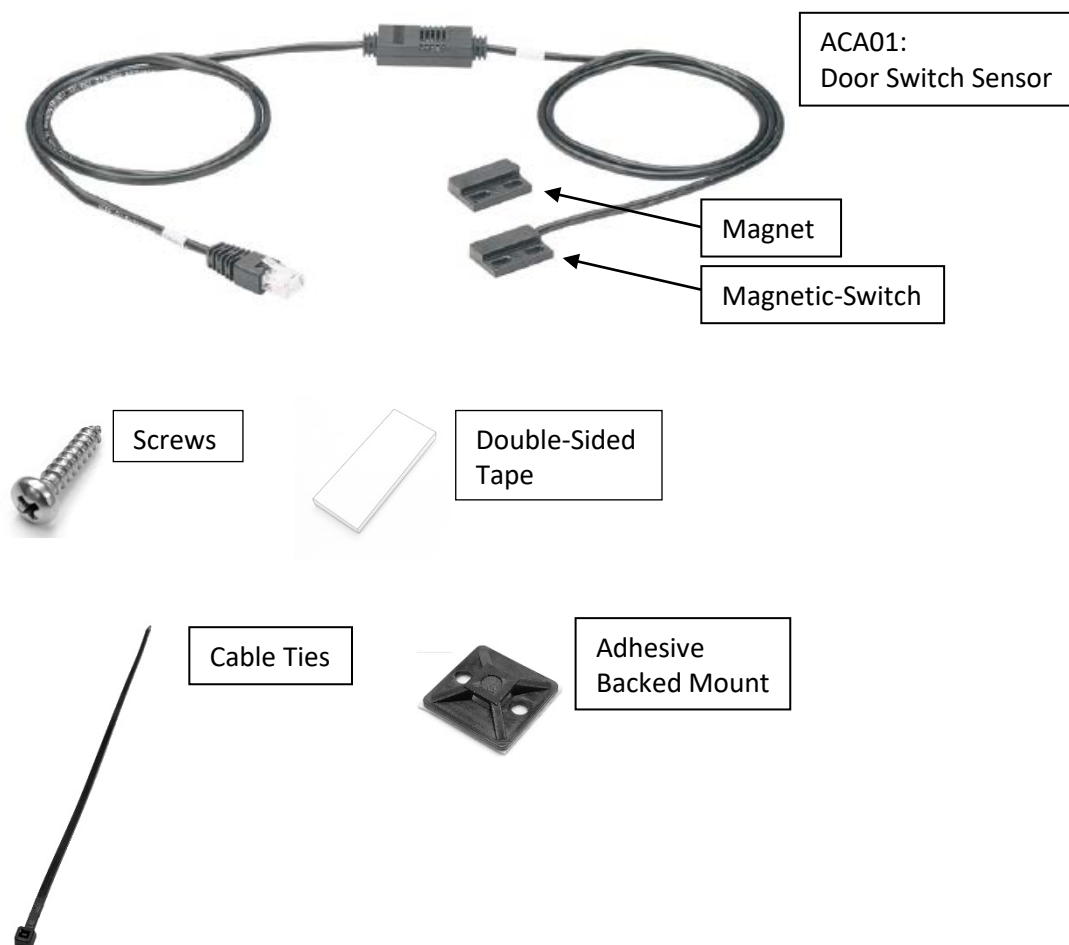**smartzone™ G5**

Door Switch Sensor (ACA01)

The Door Switch Sensor is designed to send a notification when the door on which it is installed has been opened. This provides added security. Installation of the Door Switch Sensor and ongoing equipment maintenance is further facilitated by using a quick disconnect coupler and standard ethernet cable (sold separately) that allow for the convenient positioning of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.

Note: The Door Switch Sensor is only designed to connect to a G5 iPDU. Connecting it to another device may result in damage.
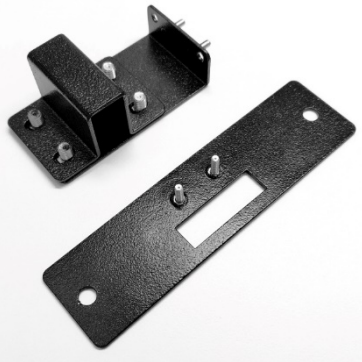
INVENTORY

ACA01:
Door Switch Sensor

Magnet

Magnetic-Switch

Screws

Double-Sided Tape

Cable Ties

Adhesive Backed Mount

OPTIONAL ACCESSORIES

Quick Disconnect Coupler

Standard Ethernet Cable (2 meters)

Panduit PN: CC5E88BL

Panduit PN: UTP28CH2MBL

Panduit Full-Door Mounting Kit for Magnetic Sensors

Panduit Split-Door Mounting Kit for Magnetic Sensors

Panduit PN: MA015

Panduit PN: MA016

INSTALLATION INSTRUCTIONS

NOTE: The remainder of this guide demonstrates installation into a Panduit cabinet. Pay careful attention to the part numbers and location of each item. Adaptation to the installation locations/method may be required for other cabinets. It is also assumed that the G5 iPDU is located at the rear of the cabinet.

NOTE: For ease of installation of the magnetic switch and magnet in Panduit cabinets, use Full-Door Sensor Bracket Kit (Panduit PN: MA015) or Split-Door Sensor Bracket Kit (Panduit PN: MA016). Installation instructions and hardware are included with the bracket kits.

1. Attach the Door Switch Sensor's magnet to the top corner of the cabinet using double-sided tape, screws, or optional bracket hardware. See Figure 1.

2. Attach the Door Switch Sensor's magnetic switch to the top corner of the cabinet door opposite the magnet using double-sided tape, screws, or optional bracket hardware. See Figure 1. Route and secure the cable to the cabinet door using the included adhesive backed mount and cable ties as needed.

NOTE: The operating distance between the Magnetic Switch and the Magnet is dependent on the installation. In a typical installation the distance between the Magnetic Switch and Magnet should be less than 10mm when the cabinet door is in the closed position. Greater distances may cause the G5 iPDU to read the door as "OPEN".
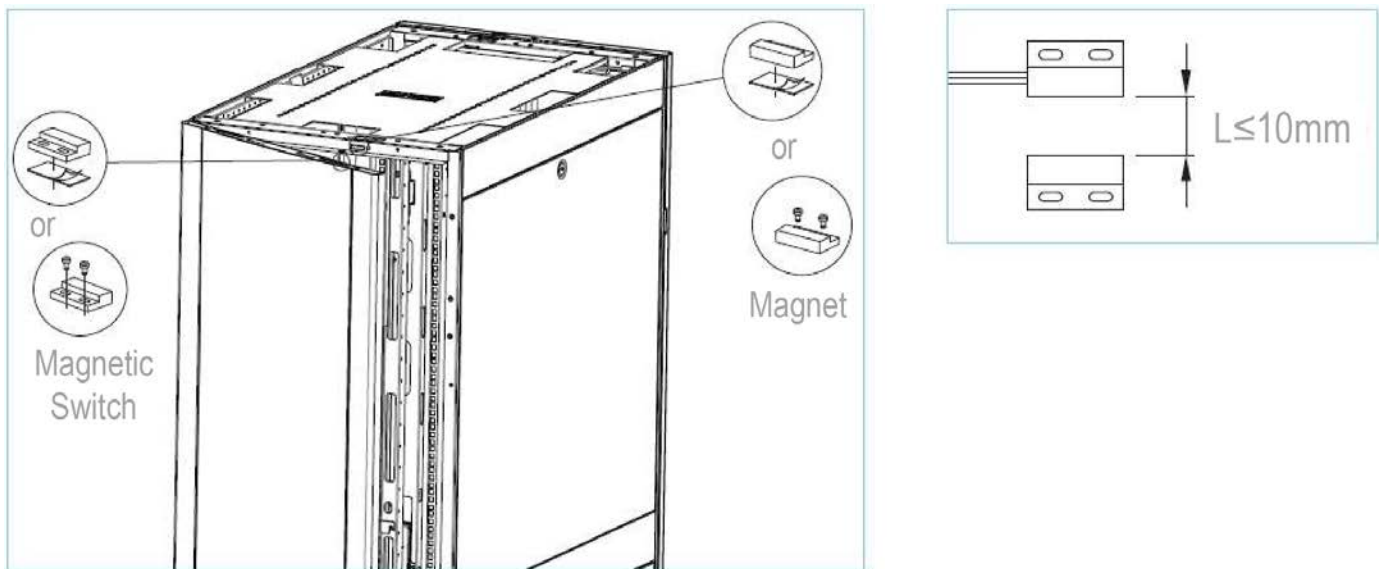

Figure 1: Door Switch Sensor's Magnetic Switch and Magnet Placement

3. Plug the Door Switch Sensor into an available Sensor port on the G5 iPDU.

4. The Door Switch Sensor's status can be read from the iPDU's display or when viewing the web-interface.

5. Access the G5 iPDU Web Interface to manage the Access Security configuration alarms and notification settings.

6. The Door Switch Sensor is now installed and ready to use.