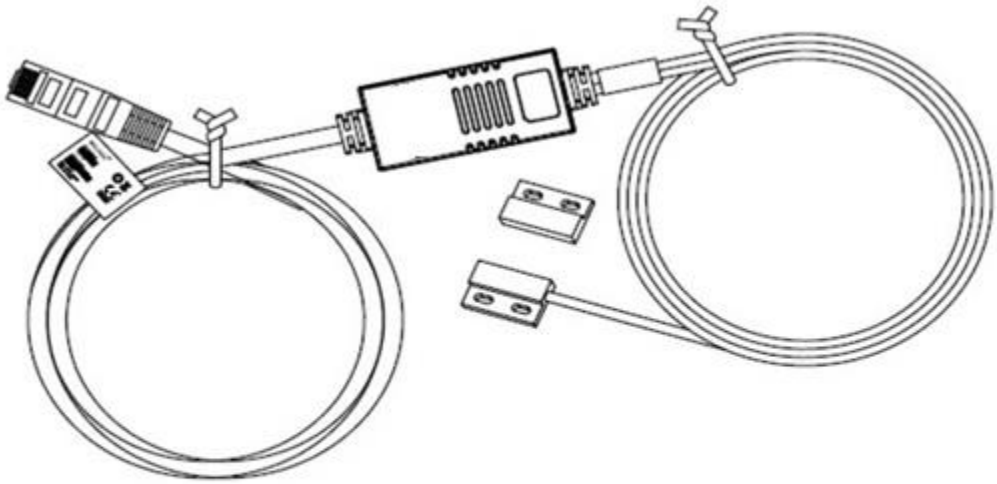
Smartzone™ G5

Door Switch Sensor (ACA01)

Door Switch Sensor is designed to send an alarm or notification signal when the door on which it is installed had been opened more than 10mm. This provides added security.

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



SPECIFICATION

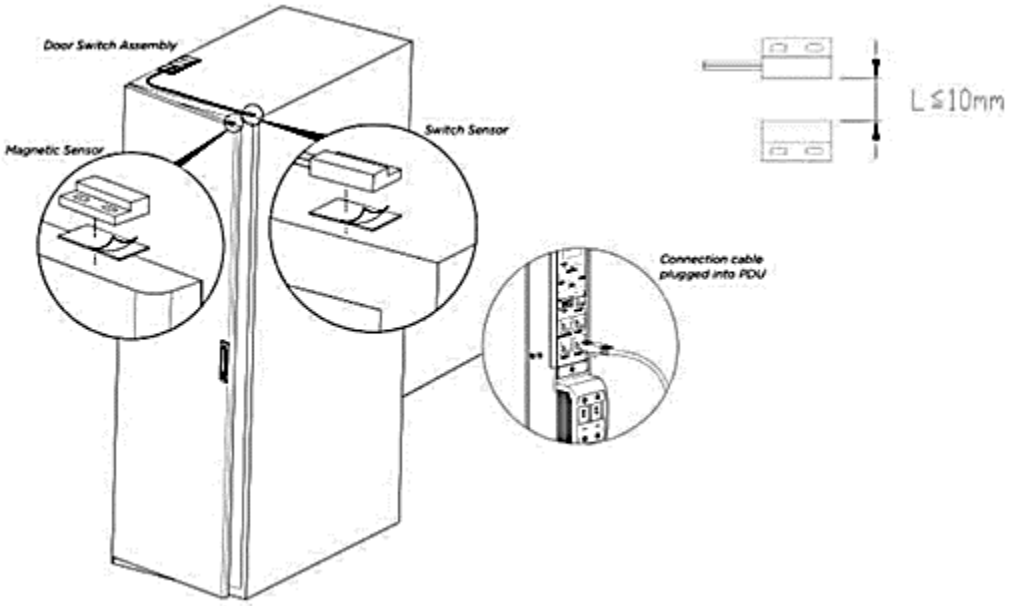
Electrical	Requirement
Operational voltage	5V DC
Range	0 to 4m/s
Accuracy	±5% FS (25 ° C characteristic)
Physical	
Wire Length	3 m
Wire Type	CAT.5E Patch Cable, UTP
Environmental	
Temperature (Operating/Storage)	0°C~+60°C (32 ~ 140°F)/-20~ + 70°C (-4 ~ 158°F)
Humidity (Operating/Storage)	35% to 85% RH, non-condensing
Compliance	
Environmental Verification	ROHS, WEEE

INVENTORY

INSTALLATION INSTRUCTIONS

Top Door Mounting Option

1. Attach the Door Switch Assembly to the top of the rack using the adhesive backed mount and cable ties.
2. Attach the Switch Sensor to the top corner of the rack (on the side that the rack door will close) using double-sided tape. Secure the cable to the top of the rack using cable ties.
3. Attach the Magnetic Sensor to the rack door using double-sided tape.
4. Thread the sensor connection cable through the rack. Secure the cable with cable ties. Plug the cable into a sensor port on the PDU.



5. Log into the Web Interface, Telnet, or Serial to manage the Door Sensor alarm and notification setting. The sensor is designed to alarm if the door is opened more than 10mm.

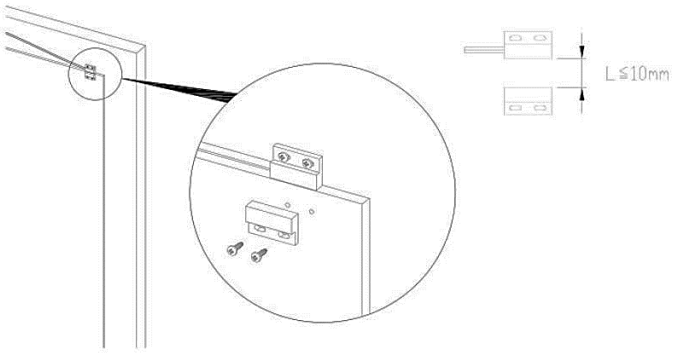
Inside Door Mounting Option

1. Attach the Door Switch Assembly to the top of the rack using the adhesive backed mount and cable ties.
2. Attach the Switch Sensor to the inside of the rack (on the side that the rack door will close) using 4 screws. Secure the cable to the top of the rack using cable ties.
3. Attach the Magnetic Sensor to the rack door using screws.
4. Thread the sensor connection cable through the rack. Secure the cable with cable ties. Plug the cable into a sensor port on the PDU.

5. Log into the Web Interface, Telnet, or Serial to manage the Door Sensor alarm and notification settings. The sensor is designed to alarm if the door is opened more than 10mm.

Door Mounting Option

1. Attach the Door Switch Assembly to the top of a door jamb using the adhesive backed mount and the cable ties.
2. Attach the Switch Sensor to the door (on the side that the rack door will close) using the 4 screws.
3. Secure the cable to the top of the rack using cable ties.
4. Attach the Magnetic Sensor to the rack door using screws. (See below.)



5. Thread the sensor connection cable through the rack. Secure the cable with cable ties. Plug the cable into a sensor port on the PDU.
6. Log into the Web Interface, Telnet, or Serial to manage the Door Sensor alarm and notification settings. The sensor is designed to alarm if the door is opened more than 10mm.

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

Installation Notes:

- The top-mounted orientation is more reliable than the door-mounted orientation.
- The cable for the Door Switch Sensor can be extended using RJ45 coupling.