

# Door Switch Sensor

## SPECIFICATIONS

The Door Switch Sensor shall integrate with the Panduit G5/G6 iPDU or UPS to send a notification when a rack door is opened more than 10mm. The two-piece magnetic sensor shall be attached to the rack door and frame for door status notification.



### Door Switch Sensor

Door switch sensor: ACA01

## TECHNICAL INFORMATION

<b>Standards:</b>	Environmental verification: ROHS, WEEE
<b>Dimensions H x W x D:</b>	1.73 in. x 0.83 in. x 0.43 in. (44mm x 21mm x 11mm)
<b>Mounting:</b>	Cable ties and double-sided tape

## KEY FEATURES AND BENEFITS

<b>Door access:</b>	Detects access to a rack, cabinet, or room in a data center
<b>RJ45 connection:</b>	Utilizes an RJ45 quick disconnect coupler to allow standard patch cable connection
<b>Versatile mounting:</b>	Offers versatile mounting options to accommodate easy deployment inside a rack or within a room, within a data center, or facility building
<b>Plugs directly to the Panduit G5/G6 iPDU or UPS:</b>	Simplifies installation as it self-identifies itself to the G5/G6 iPDU or UPS firmware

## APPLICATIONS

The Door Switch Sensor is designed to send an alarm or notification signal when the cabinet door is opened more than 10mm. The two-piece magnetic door sensor can be mounted on the top of the cabinet or inside the door. By plugging the cable into a sensor port on the G5/G6 iPDU or UPS, you are ready to log onto the web interface to manage the door sensor alarm and notification settings.

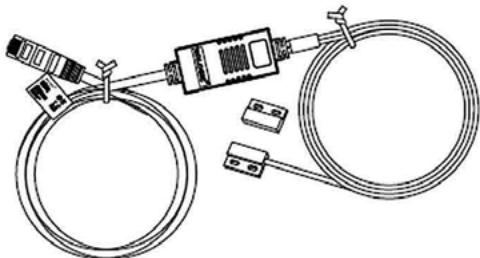
## PHYSICAL AND MECHANICAL PROPERTIES

<b>Operational voltage:</b>	5 VDC
<b>Operational gap:</b>	>10mm
<b>Length:</b>	2m (from G5/G6 iPDU or UPS to sensor box) 1m (from magnetic switch to sensor box)
<b>Wire type (from PDU to sensor box):</b>	CAT.5E Patch Cable, UTP
<b>Maximum elevation range, above MSL:</b>	Operation: 0 - 10,000 feet (0 - 3,048m) Storage: 0 - 50,000 feet (0 - 15,240m)
<b>Temperature range:</b>	Operation: 32°F - 158°F (0°C - 70°C) Storage: -4°F - 158°F (-20°C - 70°C)
<b>Humidity (Operating/storage):</b>	0 - 95% RH, non-condensing

# Door Switch Sensor

## SENSOR INVENTORY

Door Switch Sensor Assembly



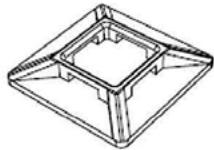
Double-Sided Tape  
Quantity: 2



Cable Ties  
Quantity: 5



Adhesive-Backed Mount  
Quantity: 5



Tap Screw  
Quantity: 4

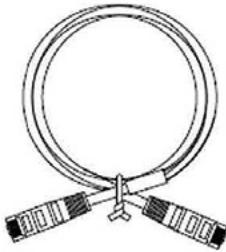


Note: The Door Switch Sensor is only designed to connect with the Panduit G5/G6 iPDU or UPS. Connecting it to another device may result in damage.

## RECOMMENDED PRODUCTS

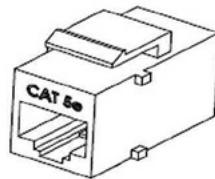
### Standard Ethernet Extension Cable Sold Separately

Panduit Part Number: [UTP28CH3MBL](#)  
118.11 in. [3.0m] in length



### RJ45 Quick Disconnect Coupler Sold Separately

Panduit Part Number: [CC5E88BL](#)



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