

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

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

KEY FEATURES AND BENEFITS

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

APPLICATIONS

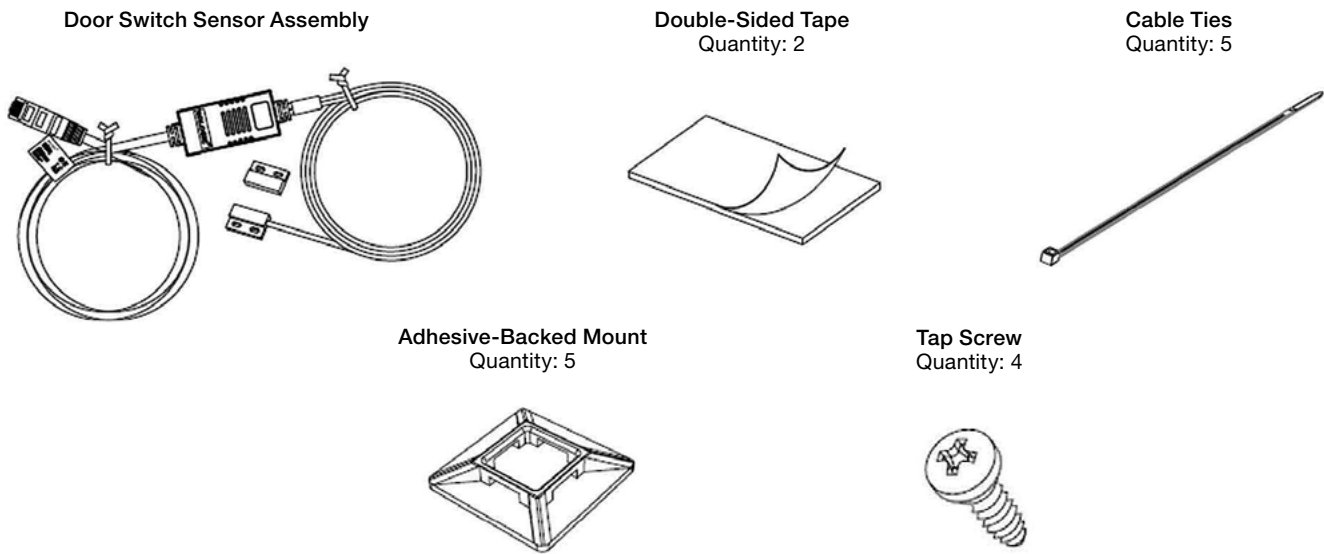
The Door Switch Sensor is designed to send an alarm or notification signal when the cabinet door is opened more than 10mm. The two-piece magnetic door sensor can be mounted on the top of the cabinet or inside the door. By plugging the cable into a sensor port on the G5/G6 iPDU or UPS, you are ready to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

PHYSICAL AND MECHANICAL PROPERTIES

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

Door Switch Sensor

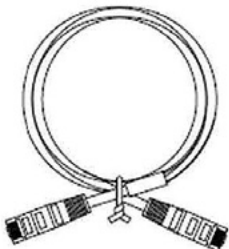
SENSOR INVENTORY



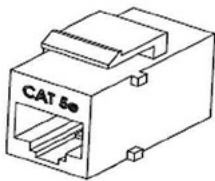
Note: The Door Switch Sensor is only designed to connect with the Panduit G5/G6 iPDU or UPS.
Connecting it to another device may result in damage.

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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For a copy of Panduit product warranties, log on to www.panduit.com/warranty



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or by phone: 800.777.3300

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