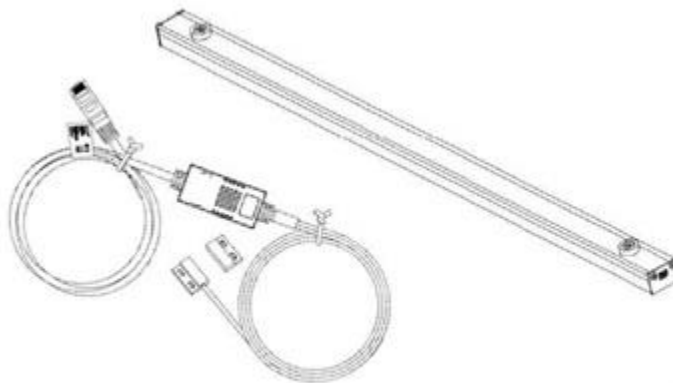




USB Light Strip (ACD01)

Automatic Rack Light Kit is designed to light up when the door on which it is installed is opened more than 10mm. In addition to allowing for better rack visibility, this provides added security by giving a lighted notification that the rack door is open.

Note: The Light Strip Sensor is only designed to connect to a PDU. 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

SENSOR INVENTORY

Rack Light Kit

Automatic Rack Light



Cable for LED Light Strip

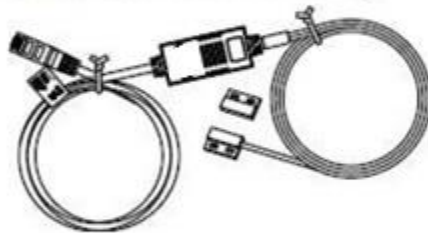


3M Double Sided Tape



Door Switch Kit

Door Contact Sensor Assembly



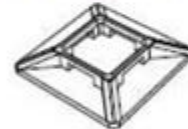
RJ45 Quick Disconnect Coupler



Tap Screw



Adhesive Backed Mount



Standard Ethernet Extension Cable
1.8m in length



Double-sided tape



Cable Ties



INSTALLATION INSTRUCTIONS

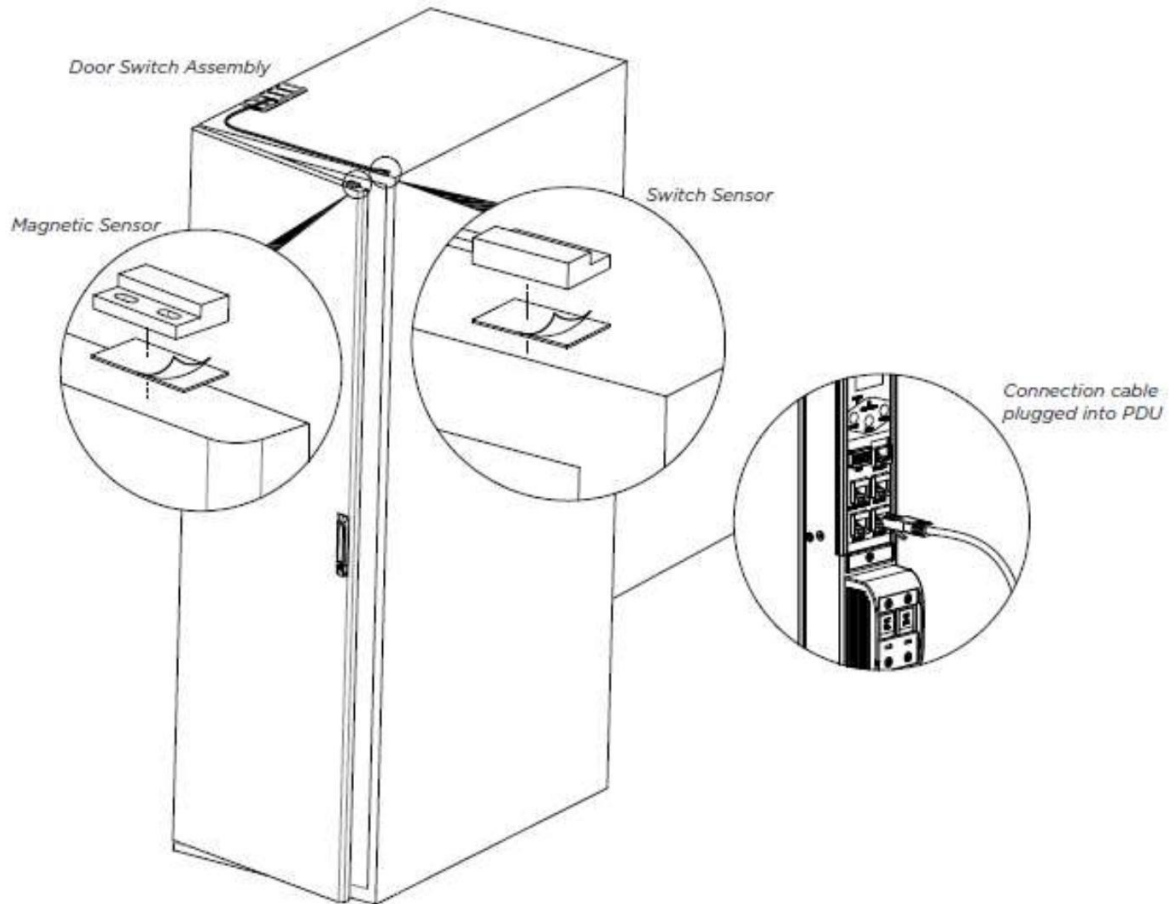
The Automatic Rack Light Kit **MUST** be installed with the Door Switch Sensor (included).

Door Switch Sensor Installation

The Door Switch Sensor can either be installed on top of the rack door or on the inside of the rack door, by following one of the methods shown:

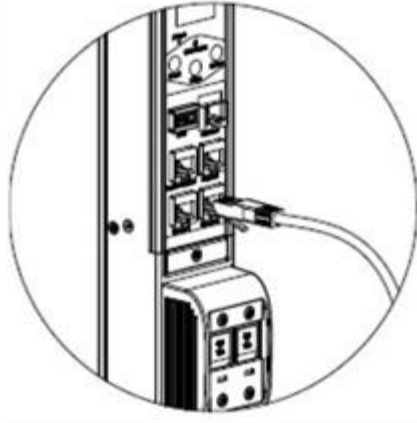
Top Door Mounting Option

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.



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 tap 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.



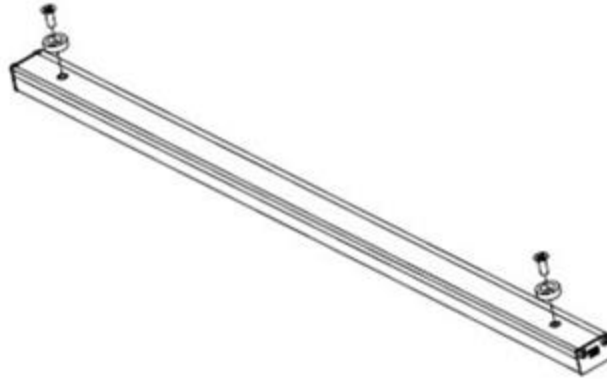
5. You can read the Door Sensor status from the OLED Interface and Web Interface when it's open or off the door.
6. Login to the Web Interface to manage the Door Sensor alarm and notification settings. The sensor is designed to alarm if the door is opened more than 10mm.
7. The Door Contact Sensor is now installed and you are ready to install the Automatic Rack Light.

Automatic Rack Light Installation

1. Insert the cable included with the automatic light, into the light strip, as shown:

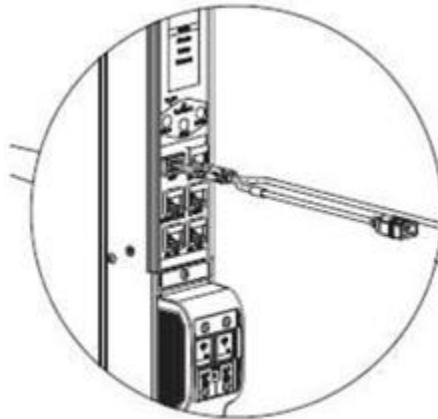


2. The light strip can be installed using the magnetic strip (pre-installed on the light) or using the double-sided tape (included in the kit):
 - To mount the light using the magnetic strip: Attach the rack light strip to the inside of the cabinet. The light will automatically secure the light to any magnetic surface.
 - To mount the light using the double-sided tape: Use a T10 screwdriver to remove the magnetic strip on the back of the automatic rack light (shown below). Attached the double-sided tape (included), to the back of the rack light. Attach the rack light to the inside of the cabinet.



3. Connect the USB plug from the rack light to the USB outlet on the PDU.

Note: the USB plug from the rack light contains an additional USB port, which can be used for uploads, downloads, and additional USB functions, while the light kit is installed.



4. Activate Automatic Rack Light settings. By default, the light is designed to illuminate when the door is open more than 10mm.
 - In CLI: enter command, 'dev ledstrip on'.
 - OLED: go to Sensors>#1 DR>LED Strip>On
5. To set the rack light to always be on (rather than only be on when the door is open):
 - In CLI: enter command, 'dev ledstrip off'.
 - OLED: go to Sensors>#1 DR>LED Strip>Off

The LED light strip sensor is now installed and ready to use.