

EA1441

Inductive Proximity Door Sensor



For the security of your data center, ATEN provides Inductive Proximity Door sensor probes that work in tandem with the Power Distribution Units, which allows the monitoring of a rack mounted enclosure's door access, notifying users when a door has been opened. Various conditions can be monitored with alarms according to customizable minimum/maximum settings.

* The Sensor is an optional accessory and you can use the ATEN PDU without the door sensors. However, if you want to have complete security management of your data center with the full use of ATEN solutions, a sensor installation is required.

**Support PE7/PE8/PE9 series only

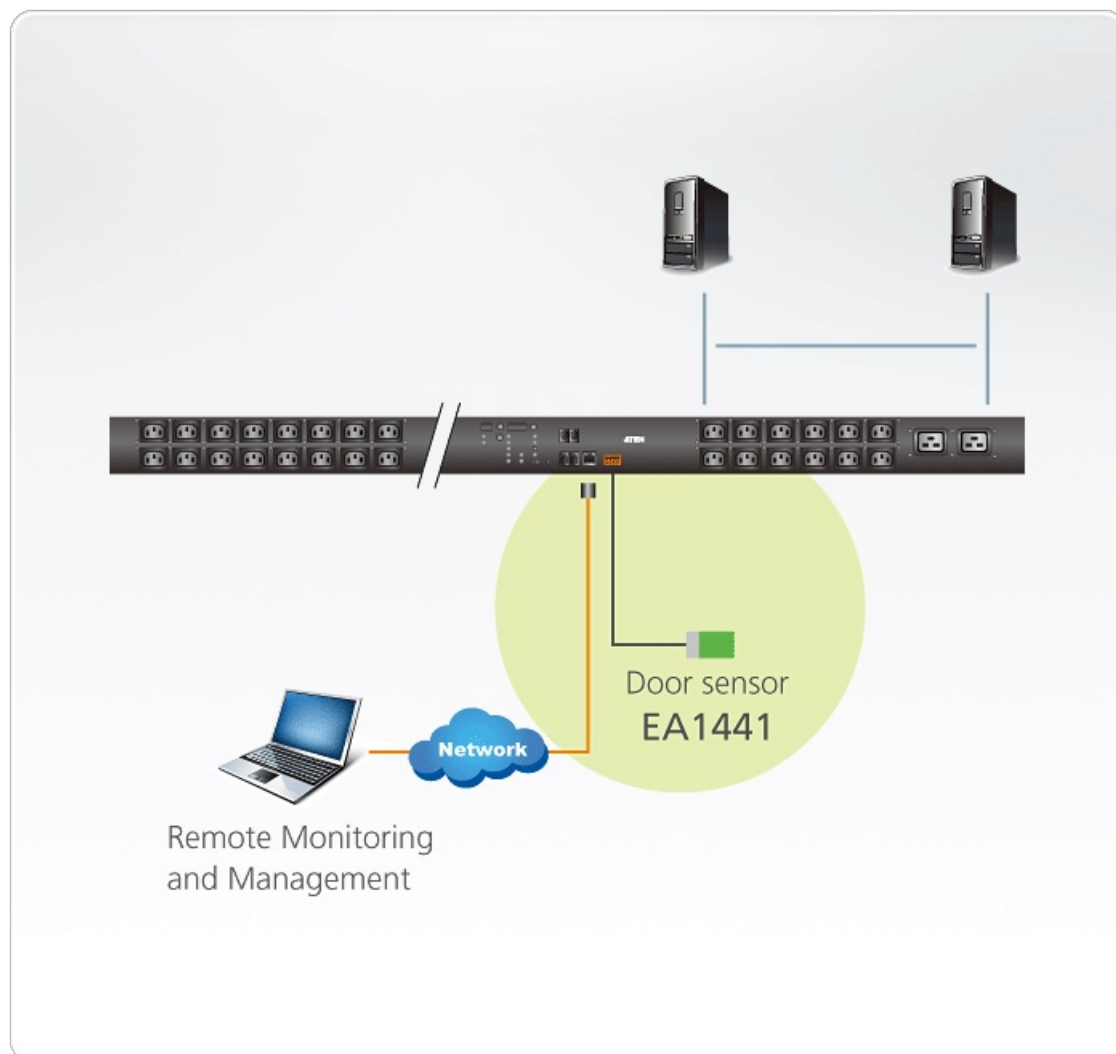
Features

- The Inductive Proximity Door Sensor allows the monitoring of a rack mounted enclosure's door access – notifying users when a door has been opened
- High sensitivity
- Easy operation

Specification

| | |
|-----------------------|--|
| Operating voltage | 10-30 VDC |
| Ripple of power | 20% peak to peak |
| Current Consumption | 10 mA(Max) |
| Sensing distance | 5.0 mm |
| Hysteresis | 10% of sensing distance max |
| Response frequency | 800 Hz(Min) |
| Output method | PNP |
| Output current | 150 mA(Max) |
| Residual voltage | 0.1 V(max) |
| Leakage current | 0.8 mA(Max) |
| Protection circuit | Short circuit & polarity reversed protection |
| Connection | 3c/4.0 |
| Dielectric strength | 2.5 kv / 1 minute(Min) |
| Insulation strength | 100 MΩ / 500 VDC |
| Environmental | |
| Operating Temperature | -20°C-80°C |
| Humidity | 35%-95% RH |
| Protection class | IP-67 |

Diagram



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