Eaton Environmental Monitoring Probe (EMP) Gen 2 for Temperature and Humidity Conditions

MODEL NUMBER: **EMPDT1H1C2**








Monitors ambient temperature and humidity conditions at the rack and enables remote control of peripherals, including smoke detectors and door sensors.

Features

Monitors Temperature, Humidity and Other Environmental Data Remotely 24/7
The EMPDT1H1C2 Environmental Monitoring Probe (EMP) Gen 2 enables you to collect temperature and humidity readings in rack enclosures and monitor environmental data remotely using SNMP or a web browser. It features one temperature, one humidity and two dry-contact status data points. Compatible with select Eaton UPS systems and PDUs, the EMP Gen 2 features a translucent case and integrated LED that lets you identify the status of each sensor at a glance while walking the aisles.

Monitor Status of Up to 6 Contact Devices or Sensors
In addition to measuring ambient temperature and humidity at the rack, the EMP Gen 2 can support up to two additional input contact sensor devices per module. Since you can daisy-chain up to three EMPDT1H1C2 probes per host device, you can connect up to six total devices, such as water leak detectors, door contact sensors, vibration sensors and smoke detectors. Receive real-time status of all sensors via SNMP or browser and notifications of alarms via email. You can also create customizable shutdown and load-shedding protocols in case of extended power failures.

Allows Great Flexibility and Speed in Installation
You can install the EMPDT1H1C2 almost anywhere on a rack or on the wall near the rack. It features nylon fastener locations, magnets, cable tie slots and keyhole slots for easy mounting wherever and however the EMP Gen 2 is most needed. For optimum air intake measurement within an enclosure, the EMP Gen 2 provides tie wrap mounting options for front and rear door perforation to specifically measure air flow at the intake point. This enhances the richness of rack-level environmental data for the top, middle and bottom of the rack.

Highlights

- Measures temperature and other environmental conditions at the rack level
- Monitors status of up to 6 additional contact sensors, including smoke detectors
- Provides real-time status of all sensors and alarms via SNMP, browser or email
- Translucent case and LED allow at-a-glance updates of sensors while walking the aisles
- Includes 4 available mounting options for flexible, fast installation on or near a rack

System Requirements

Compatible with Eaton NETWORK-M2 Gigabit Network Card, INDGW-M2 Gigabit Industrial Gateway Card and Eaton rack PDUs, including G3 (firmware 4.x or later), G3HD and G3+, or 5PX G2 and 9SX UPS systems

Package Includes

- EMPDT1H1C2 Environmental Monitoring Probe Gen 2
- Dry-contact terminal block
- USB to RS-485 converter
- RJ45 connector (F/F)
- (2) Cable ties
- Nylon fastener
- Mounting hardware
- Installation manual

Specifications

OVERVIEW	
UPC Code	743172091604
PHYSICAL	

Unit Dimensions (hwd / in.)	2.260 x 1.480 x 1.150
Mounting Details	Nylon fasteners, tie wraps, magnets or keyhole screw mounting
FEATURES & SPECIFICATIONS	
Sensing Capability	Humidity; Temperature
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); RoHS3
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	2-year limited warranty

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