Temperature and Humidity Sensor Kit

SPECIFICATIONS

The temperature and humidity sensor kit shall add comprehensive temperature and humidity monitoring to the Panduit G5/G6 iPDU and UPS. Environmental sensors are designed with an embedded microchip that converts analog signals to digital format before data travels to the Panduit G5/G6 iPDU and UPS, providing greater data accuracy. This smart design shall enable easy plug-and-play installation that takes just moments to complete. Installation of the sensors and ongoing equipment maintenance is further facilitated by the quick disconnect coupler and Ethernet patch cord, which allow for the convenient extension of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.

EB001

Temperature and Humidity Sensor Kit	
Temperature and humidity sensor kit:	EB001

TECHNICAL INFORMATION

Dimensions:	1.23 x 0.70 x 0.40 inches (44 x 21 x 11 mm)
Mounting:	Cable ties

*Mounting hardware included

KEY FEATURES AND BENEFITS

RJ45 connection:	Utilizes an RJ45 plug socket to allow standard patch cord connection
Avoid outages:	User-defined threshold temperature and relative humidity event notification
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 and UPS:	Simplifies installation as it self-identifies to the Panduit G5/G6 iPDU and UPS firmware

APPLICATIONS

The temperature and humidity sensor kit is designed to add comprehensive temperature and relative humidity monitoring to the Panduit G5/G6 iPDU and UPS. Secure the sensor to the cabinet or door using cable ties; a magnet has been added to the rear of the sensor to aid in placement. The sensor connects to the Panduit G5/G6 iPDU, Sensor Hub (EF001) or UPS, via RJ45 quick disconnect coupler and Ethernet patch cord.
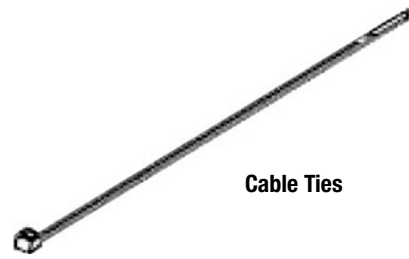
Temperature and Humidity Sensor Kit

TECHNICAL SPECIFICATION

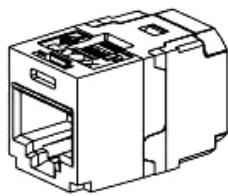| Electrical	
Operational Voltage:	5 VDC
Accuracy:	±2°C ±5% RH at 5-50°C 10~90% RH
Measuring Range:	0°C~+65°C, 10 – 90% RH, non-condensing
Physical	
Length:	2m
Environmental	
Elevation Above MSL (Operating/Storage):	0 – 10,000 feet (0 – 3,048m)/0 – 50,000 feet (0 – 15,240m)
Temperature (Operating/Storage):	0°C~+65°C (32~149°F)/-20~ + 70°C (-4 ~ 158°F)
Humidity (Operating/Storage):	0 – 95% RH, non-condensing (storage) 10 – 90% RH, non-condensing (operating)
Compliance	
Environmental Verification:	ROHS, WEEE

KIT CONTAINS

Temperature and Humidity Sensor

Cable Ties

RECOMMENDED PRODUCTS

RJ45 Quick Disconnect Coupler
Sold Separately
Panduit Part Number: CC688BL

Standard Ethernet Extension Cable
Sold Separately
2.0m length
Panduit Part Number: UTP28CH2MBL

Note: The temperature sensor kit is only designed to connect to a Panduit G5/G6 iPDU or UPS. Connecting it to another device may result in damage.

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

For more information
Visit us at www.panduit.com
Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300