

# SmartZone™ G5 Temperature and Humidity Sensors

## specifications

Panduit temperature and humidity sensors are designed to add comprehensive environmental monitoring to any G5 iPDU. Environmental sensors are designed with an embedded microchip that converts analog signals to digital format before data travels to the iPDU, providing greater data accuracy. This smart design also enables easy plug and play installation that takes just moments to complete. Installation of the sensors and ongoing equipment maintenance is further facilitated by the use of 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.



EA001



EB001



EC001

## technical information

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

\*Mounting hardware included

## SmartZone™ G5 Temperature and Humidity Sensors

<b>Temperature sensor:</b>	EA001
<b>Temperature and humidity sensor:</b>	EB001
<b>3 Temperature and humidity sensor:</b>	EC001

## key features and benefits

<b>RJ45 connection</b>	Utilizes an RJ45 plug socket to allow standard patch cord connection
<b>Versatile mounting</b>	Offers versatile mounting options to accommodate easy deployment inside a rack or within a room within a data center or facility building
<b>Plugs directly to the iPDU</b>	Simplifies installation as it self-identifies to the G5 iPDU firmware

## applications

The SmartZone™ G5 Temperature and Humidity Sensors are designed to add comprehensive environmental monitoring to any iPDU. Secure the sensors to the cabinet or door using cable ties; a magnet has been added to the rear of the sensor to aid in placement. The accessory connects to the iPDU, or Sensor Hub (EF001), via RJ45 quick disconnect coupler and Ethernet patch cord.

# SmartZone™ G5 Temperature and Humidity Sensors

## technical specification

<b>Electrical</b>	
Operational Voltage	5V DC
Accuracy	±2°C ±5% RH at 5-50°C 10~90% RH
Measuring Range	0°C~+65°C, 10 – 90% RH, non-condensing
<b>Physical</b>	
Length	2 m
<b>Environmental</b>	
Elevation Above MSL (Operating/Storage)	0 – 10000 feet (0 – 3048m)/0-50000 feet (0 – 15240 m)
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)
<b>Compliance</b>	
Environmental Verification	ROHS, WEEE



**Temperature Sensor or  
Temperature + Humidity  
Sensor**

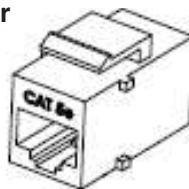


**3 Temperature &  
Humidity Sensor**

**Cable Ties**



**RJ45 Quick  
Disconnect Coupler  
Sold Separately**  
Panduit  
Part Number:  
CC5E88BL



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



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