

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

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

*Mounting hardware included

SmartZone™ G5 Temperature and Humidity Sensors

Temperature sensor:	EA001
Temperature and humidity sensor:	EB001
3 Temperature and humidity sensor:	EC001

key features and benefits

RJ45 connection	Utilizes an RJ45 plug socket to allow standard patch cord connection
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 iPDU	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

Electrical	
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
Physical	
Length	2 m
Environmental	
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)
Compliance	
Environmental Verification	ROHS, WEEE



**Temperature Sensor or
Temperature + Humidity
Sensor**

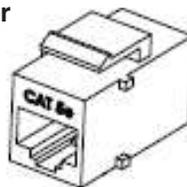


**3 Temperature &
Humidity Sensor**

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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