



SMART PDU TEMPERATURE & HUMIDITY SENSOR

DESCRIPTION

The barpa Temperature & Humidity Sensor is designed for monitoring environmental conditions inside IT racks and cabinets. When connected to barpa Smart PDU, it enables measurement of temperature and relative humidity parameters for supervision and alarm management via the Smart PDU interface or compatible web-based management software.



KEY FEATURES

Real-time temperature and humidity measurement

Automatic detection by the Smart PDU upon sensor connection

Suitable for continuous environmental monitoring in rack environments

MECHANICAL & PHYSICAL SPECIFICATIONS

Dimensions (mm)	59x15x10
Weight (kg)	0,049
Applicable Environments	Indoor
Cable Length (m)	1,5 or 1,8
Power Supply (V)	5
Connection Type	RJ11

MEASUREMENT SPECIFICATIONS

Temperature Measurement Range (°C)	0-99
Temperature Accuracy (± °C)	±0,3
Temperature Resolution (°C)	0,1
Humidity Measurement Range (% RH)	0-99
Humidity Accuracy (± % RH)	±2
Humidity Resolution (% RH)	0,1



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MONITORING & INTEGRATION

Web Interface	Yes
Monitoring Software	Yes

ALARM & EVENT FEATURES

Alarm Generation	Yes
Alarm Notification Methods	SNMP Trap / Buzzer / LCD / E-mail

Note: Alarm generation and notification functions are performed by the compatible barpa Smart PDU or management software.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range (°C)	0 - 99
Operating Humidity (%RH)	0 - 99

LOGISTICS INFORMATION

Inner Box			Outer Box	
Code	Quantity (un)	Dimensions (mm)	Quantity (un)	Dimensions (mm)
82433100000	1	170x90x35	56	390x370x270