

# Sensors

## Temperature Sensor

The TASC Systems Temperature Sensor is designed to monitor ambient temperature in an enclosed environment. Sensor comes with a 7 foot shielded cable attached. RJ45 termination provides a simple plug-in connection to the site monitoring device. Custom cable lengths are also available.

Span	-55 to +125°C
Accuracy	-25 to +100°C ±2 C° -55 to +125°C ±3 C°
Connectivity	RJ45
Bus Derived Power	2 mA per sensor
Coating	Conformal
Compatibility	siteRSM, siteCOMMANDER and sitePORTAL Lite only



## Differential Sensor and Current Shunt

The sensor and shunt combination is designed to measure DC current. Connectivity is achieved by placing in-line after the power supply and connecting to the analog inputs of the TASC Systems site monitoring device. A user manual is included, providing the information needed to connect and setup the sensor.

VDC In	5 to 20 VDC
Current	2 mA Max.
Operating Temperature	-40 to +65°C
+IN / -IN	Differential Input Voltage = ±0 - 125 mV Common Mode Voltage (CMV) = 0 - 65 VDC, 0 - 5 VDC
AOUT	0 - 5 VDC
Module Size	52mm x 36mm x 26mm (L x W x H)
Weight	1.5 kg
100 mV DC Ammeter Shunt	5, 20, 30 or 50 AMP



The sensors are available in these options:

- A) Single Sets
- B) 19" Panel Mount (Up to 4 sets per panel)
- C) 19" Shelf Mount (Up to 8 sets per shelf)

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## AC Voltage Sensor

The AC Voltage Sensor will measure AC voltage in a single phase system. A user manual is included, providing the information needed to connect and setup the sensor.

Environmental	Functional temperature -25 to +70°C Storage temperature -55 to +85°C
Input	0 - 150 VAC, 0 - 300 VAC
Output	0 - 5 VDC > 1 Kohms
Enclosure	Snap on to DIN rail 35 x 7.5mm
Approval	cU.L. US File No. E157034

This AC voltage sensor is DIN rail mountable.

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