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
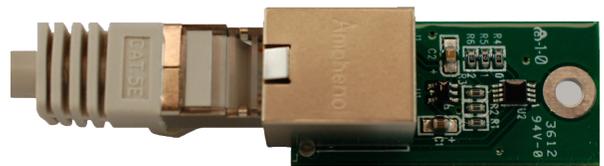
Differential Sensor and Current Shunt

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 inlcuded, 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)

Sensors

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.