



MODBUS Current Sensor
(G-HSM-MCS)

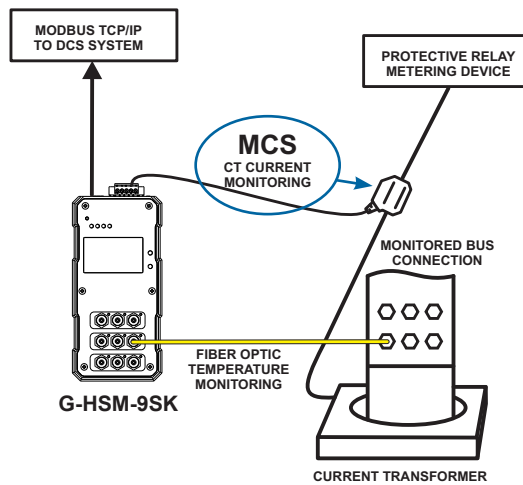
OPERATION

The **Modbus Current Sensor (MCS)** is a split core Hall Effect based device which easily integrates into GraceSense™ Hot Spot Monitor (HSM) to log RMS current continuously. **MCS** is designed to monitor the secondary output currents of 1A and 5A from a circuit's primary CT. MODBUS communication protocol allows for standalone operation, or transmit through HSM. The device can be configured using GraceSense™ web utility interface for CT ratios while the split core design of the device makes installation easy. **MCS** enables user to monitor both temperature and current measurements simultaneously to trend the arising issues at a glance.

TECHNICAL SPECIFICATIONS

COMPONENT CODE	G-HSM-MCS
Power Requirements	5 - 24VDC
Power Consumption	0.25W
Current Range	0 - 20A (RMS)
Resolution	1mA
Absolute Accuracy	+/- 3%
Temperature Operation Range	-40°C to 70°C
Humidity	5% - 95%, non-condensing
Calibration	No calibration necessary
Communication Protocol	MODBUS RTU RS-485

TYPICAL APPLICATION



DIMENSIONS

