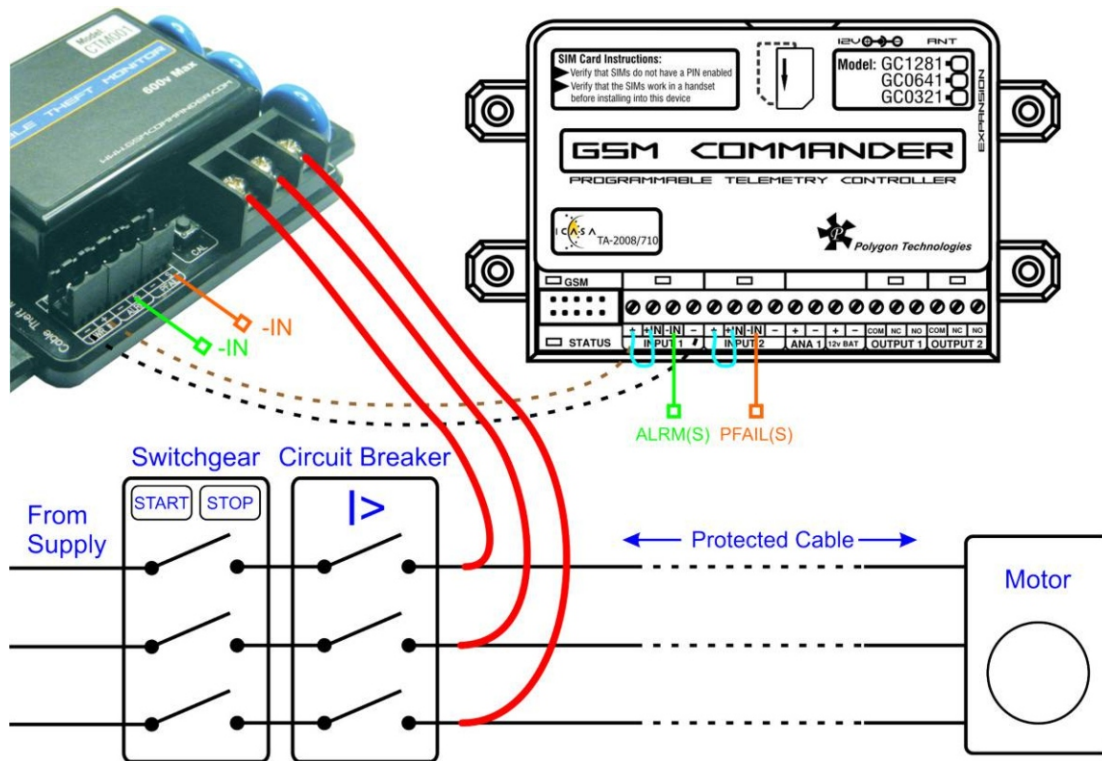


CABLE THEFT MONITOR QUICK START GUIDE

The CTM will start monitoring and constantly inject a special DC signal into the cable when no AC power is detected. It will then verify that the signal is reflected at the far end of the cable. If the signal is not reflected, the CTM will detect this and activate the Open Collector output. The output will remain activated for as long as the fault condition exists.

3-Phase Installation (Refer to manual for single-phase installation)

The CTM live terminals are connected to each cable as shown below. The alarm and power signal contacts are connected to a GSM Commander device to trigger it's inputs, and of course you need to feed DC power to the CTM. Very simple!



CTM	↔	GSM COMMANDER
PWR IN(+)	↔	INPUT(+)
PWR IN(-)	↔	INPUT(-)
ALRM(S)	↔	INPUT(-IN)
PFAIL(S)	↔	INPUT(-IN)

Calibration

The CTM comes pre-configured with default parameters that will work in 99% of cases. In cases where the DC reflector device is used, it may be necessary to calibrate the CTM according to the current environment. A good example where this is necessary, is in streetlights, where the cable run has multiple distributed loads. The CTM has a button that is used for calibration. To calibrate, make sure power to the load is off, and that the DC reflector is connected and that everything is "normal". Now press the "CAL" button momentarily (the "ALRM" LED will come on while button is pressed). This will calibrate the CTM according to what it sees on the line.

To re-set the CTM to default values, simply keep the button pressed for 5 seconds, until the "ALRM" LED starts to flicker. The unit will now be set back to factory default.