

- General Info
- Temperature
- Pressure
- Flow
- Speed
- Weighing
- Process



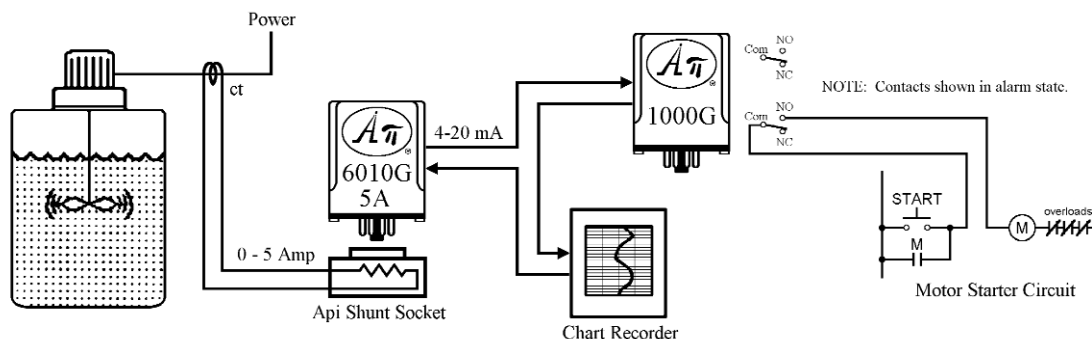
## **Motor Current Monitor and Overcurrent Shutdown**

### **PROBLEM**

Monitor and record mixer motor current and provide overcurrent shutdown.

### **SOLUTION**

Install a properly sized current transformer in the power line feeding the motor to provide a 0-5 Amp signal for an **API 6010 G 5A AC to DC Transmitter** module. Use the 4-20 mADC output to drive an **API 1000 G DC Input Single Alarm Trip** module and a chart recorder. Use one set of relay contacts of the **API 1000 G** in the motor starter circuit to shut down the motor if the current exceeds the setpoint.



The other set of relay contacts may be wired to an annunciator or an alarm horn if so desired. The dual SPDT contacts are isolated and are rated 7A @ 240VAC resistive, making them capable of driving most loads directly.

**FREE APPLICATION ASSISTANCE**

Call **Customer Service**

**800-942-0315**

### **Did You Know...?**

Api plug-in modules come standard with UL, CUL, and CSA approval.