OmniSite

Product Data Sheet

Current Switch

This solid core current sensing switch monitors motor current (amperage) in the conductor passing through it. The sensor has a fixed trip point at 250 mA

Eliminates the expertise needed to correctly wire-in to a motor control circuit by merely inserting the probe onto a "hot" leg of the motor and then wiring to any OmniSite XR50 or Crystal Ball input.

This current switch can be used with your OmniSite unit to indicate "positive proof" when a motor is running or stopped.

Works With:

Crystal Ball

XR50

Order Information

Part Number: S-MI-CS200A

Applications

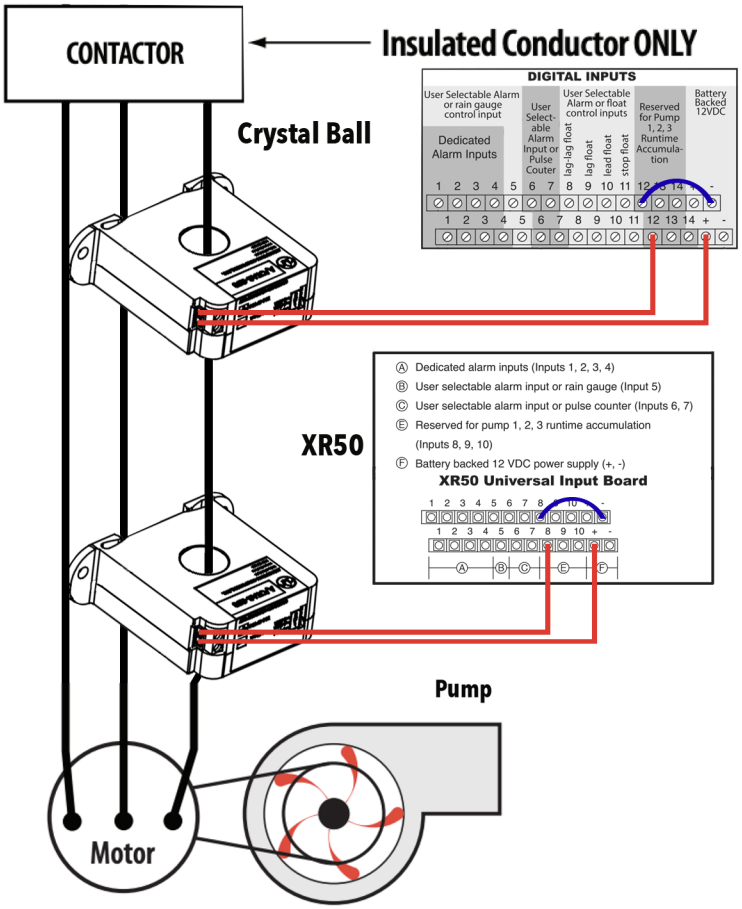
- Monitor Motor Current in Pumps
- Pump Station Monitoring

Specifications

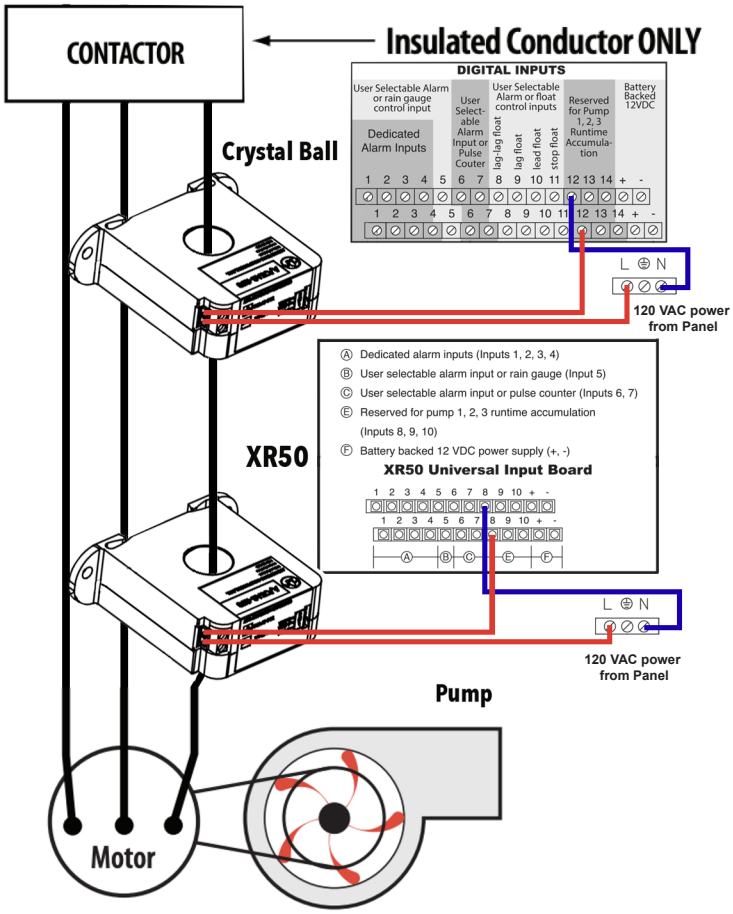
Monitored Current Type:	AC Current
Maximum AC Voltage:	600 VAC
Operating Frequency Range:	40 to 1 kHz
Sensor Power:	Induced from the Monitored Conductor
Trip Point:	Fixed Trip Point 250 mA
Contact Type:	Normally-Open "N/O"
Contact Rating:	0.2A @ 200 VAC/VDC
Status LED Indication 1:	Red LED (Monitored current is above Trip Point)
Din Rail Size:	35 mm | (U.S. Patent No. 7,416,421)
Operating Temperature Range:	5 to 104ºF (-15 to 40ºC)
Operating Humidity Range:	0 to 95%, non-condensing
Wire Size:	16 to 22 AWG (1.31 mm2 to 0.33 mm2) Copper Wires only
Terminal Block Torque Rating:	4.43 to 5.31 in-lbs. (0.5 to 0.6 Nm)
Minimum Mounting Distance:	1" (2.6 cm) between current switch (Relays, Contactors, Transformers)
Agency Approvals:	UL/CUL US Listed (UL 508) Ind. Control Equipment (File # E309723), CE, RoHS2, WEEE
Product Dimensions (L x W x H):	Solid Core Versions: 2.760" (70.11 mm) x 3.343" (84.92 mm) x 1.050" (26.67 mm)

Wiring Diagram

12 V - Wiring Example



120 V - Wiring Example



Dimensions