

General Specifications

Monitored Current Type: AC

Output Signal: 4-20 mA (2-wire, Loop Powered)

Power Requirements: +13.5 - 30VDC (reverse polarity protected)

Minimum Mounting Distance: 1" between current sensor and other magnetic devices

Operating Temperature: 5°F to 104°F (-15°C to 40°C)

Operating Humidity: 0 to 95% (non-condensing).

Isolation Voltage: 2200VAC

Frequency: 40 to 1kHz.

Enclosure Flammability Rating: UL94-V0

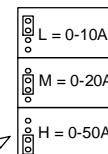
Approvals: CE to IEC 61326-1:2012 Class A, UL/CUL US Listed, RoHs2, WEEE

SNR-014 Amperage Range

0 - 10/20/50A

10/20/50 amperage range jumper - consult application-specific wiring diagram - typical applications require low setting.

SPLIT CORE CURRENT SENSOR (4 -20mA) MODEL: A/SCTA2-50-RMS



4-20ma signal
+24VDC
Max length 4000ft
To Logix Panel Analog Input
Insulate Drain Shield

*Consult specific panel wiring diagram for details



NOTES:

Please read the included Installation and Operation instructions carefully before installation

Cable for analog sensors is shielded #24 AWG Belden #9501 or equal, 2 conductor cable run in separate conduit from power wiring. Wiring applications below -22°F/-30°C requires Belden #88761 shielded cable or equal.

The sensor cable ground shield should be grounded inside the LOGIX Panel and left floating with heat shrink insulation at the sensor end.

A maximum of 8 inches of signal wire should be left unshielded at the LOGIX panel (end of the cable).

NEVER run the Belden sensor cable in the same conduit as power wiring.

Run sensor cabling 3 feet or more from VFD power cables, even if metallic conduit is used.

Submit alternate cable specs to LOGIX for approval.



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| Wiring & Installation Detailed Drawing | | |
|--|-------------------------------|---------------------|
| Title | ACI A/SCTA2-50-RMS | |
| Date | 03/13/19 | Rev 01 Drawn by NRJ |
| Drawing Filename | SNR-014_CurrentSensor_ACI.axd | |