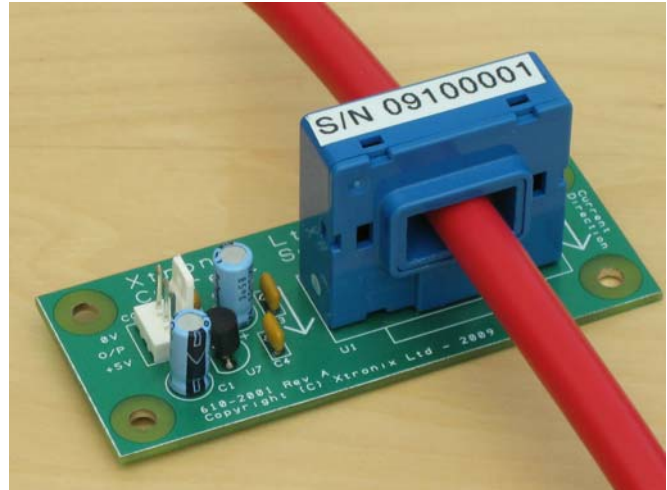


Current Sensor Module

- ✚ Fully Isolated Sensor
- ✚ AC, DC, Pulse, Mixed
- ✚ 50 to 600 Amps
- ✚ Hall Effect Technology
- ✚ 0 to 5V Analogue O/P
- ✚ Xtronix XM Module compatible



The Xtronix Current Sensor Module is an OEM module intended to measure AC, DC, pulse or mixed currents flowing through a wire. The wire carrying the current to be measured is passed through the centre of the sensor element. Hall effect technology is used to measure the current flowing in the wire, the power losses due to the sensor are negligible.

Specifications

Current Measuring Range	± 150, 300, 450, 600A max depending on model
AC Isolation Test Voltage	2.5 kV 50Hz for 1 minute
Output Voltage	+2.5 volts ± delta proportional to current (2V max)
Supply Voltage	+5 or +10 to +30 volts depending upon model
Current from Power Supply	+ 35 mA typical
Temperature Range	0 to +40°C
Humidity	+5 to +80% Non Condensing
CE Marked	Yes – Safety, EMC, ROHS and WEEE

Ordering Information

Xtronix P/N

± 150 Amp Measuring with 5V Supply	610/9001-150
± 300 Amp Measuring with 5V Supply	610/9001-300
± 450 Amp Measuring with 5V Supply	610/9001-450
± 600 Amp Measuring with 5V Supply	610/9001-600

Wide range supply voltage (+10 to +30) add – WRP to part number.

NOTE: Description and specifications may be changed without notice.

Current Sensor Module Data Sheet – Rev 1 April 2010

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