

Single Channel CT 60 / 200 Amps

[M9-SCCT-x]



Product Image



Product Overview

Description

The Magnum 1 Channel CT Clamp is designed to measure and report the AC current flowing in a single channel. Powered from the measured conductor, the measured current in the channel is reported every 30 seconds using the industry standard, wireless EnOcean® protocol. With a maximum measurable current of 60A the Magnum 1 Channel CT Clamp is easily installed with no disturbance to the measured conductor.

Features & Benefits

- Energy Harvesting – Powered from the measured cable
- Wireless Communications – Low installation costs, no networking required
- Rapid installation straightforward and easy set-up with no disruption
- Pluggable - For ease of installation
- No Batteries to Replace – no maintenance costs
- Appliance Fingerprinting – Monitor the operational costs of each appliance day by day

Functionality

- Simply clip around any single core cable
- Requires no batteries or wiring
- Requires no interruption to the power supply
- Transmits electrical current value (Amperes) wirelessly using EnOcean® technology

Applications

- Plant energy monitoring
- Energy reduction targeting
- Sub metering

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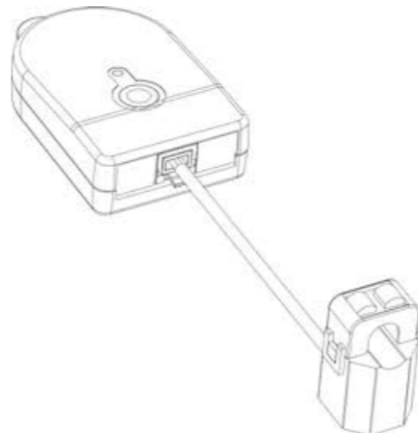
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Technical Specifications

Part Numbers	M9-SCCT-60A (60A Version) M9-SCCT-200A (200A Version)
Measurement Range	1A - 60A 2A - 200A
Frequency	50Hz or 60Hz
Accuracy - whichever is greater	60A = +/- 0.1A or 2% 200A = +/- 0.1A or 2%
Transmission Rate	30 Seconds
Reported Value	Channel 1 in Amps
Repeater	No
Environment	IP4X
Enclosure Material	Nylon 66
Sample Time	Average of 5 measurements per 30 seconds
Telegram	VLD
Calibration	Not Required
Operating Temperature & Humidity Range	-5°C to +40°C; 0-85% RH
Storage Temperature & Humidity Range	-20°C to +55°C; 0-85% RH
Diameter of Measureable Conductor	60A - 10mm or less 200A - 24mm or less
Dimensions of Clamp	60A - 25mm x 22mm x 35mm approx. 200A - 35mm x 45mm x 65mm approx.
Dimensions of Case	80mm x 55mm x 20mm approx.
EEP	D2-32-00



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