



High-speed transient detection for your critical power networks

PowerLogic™ ION9000T



Meet the storyteller of your critical power networks - the PowerLogic ION9000T power quality meter. With high-resolution transient waveform capture, the meter identifies and characterizes high-speed transient voltages that often go undetected and can cause component damage or equipment failure. Modular design, flexible programming, and 0.1S accuracy give the ION9000T the adaptability needed for the IoT-enabled future. Onboard web pages provide meaningful, actionable EN50160 and IEEE519 power quality compliance data. The meters work natively with Ecostruxure™ Power Monitoring Expert to correlate facility-wide, system-level events for decisive power quality information and root cause analysis.

High-speed transient detection

- Detection and capture of impulsive and oscillatory transients along with onboard power quality analysis
- Transient and disturbance waveform captures, ½ cycle RMS
- Patented disturbance direction detection (DDD) to identify event root cause

Modular, flexible, and adaptable

- Multiple mounting options: DIN and panel with adapter plate
- Calibration pulses: on meter body
- Native plug-and-play support: for Ecostruxure™ Power Monitoring Expert, Ecostruxure™ Power SCADA Operation, ION Setup
- Two display options and field installable I/O option modules

Unprecedented accuracy

- 0.1S accuracy: third-party certified, for a new benchmark in high performance metering
- Certified PQI-A (power quality instrument): complies with IEC 62586-1/-2
- Can uncover energy savings and contribute to a new competitive edge
- Ideal for even the most demanding environments

Cybersecurity features

- Secure protocol support and security event logging that integrate with your architectures
- Helps minimize vulnerabilities to your critical power assets and systems and reinforce your security strategies

PowerLogic ION9000T power quality meters



PowerLogic ION9000T have high-speed transient detection capabilities, making them ideal for mains or critical loads on HV/LV networks.

UL and CE markings as per UL/IEC 61010-1 Ed-3

ISO/EHS/OHSAS certified manufacturing facility reinforces product quality and reliability. Independent lab reports available for CE/UL.

Onboard power quality analysis

- Complies with recognized power quality monitoring standards: IEC61000-4-30 class A, IEC62586-1 / IEC62586-2, and verified by third-party lab certifications
- Connect via web browser for full PQ analysis, easy-to-read according to EN50160 and IEEE519 standards
- Patented disturbance direction detection, extended waveform capture (1s pre-event data / 3s event data @1024 s/c), and high-speed RMS data capture for in-depth analysis of any PQ disturbance in your power system
- High-speed transient capture detects and captures impulsive and oscillatory transients with 10 MHz sampling, with ability to measure up to 10 kV peak



Green Premium eco-mark:

Confidently confirm and incorporate compliance status of our products into your environmental policies. Schneider Electric commits to disclose reliable, comprehensive information on the environmental impacts of our products.

Smart power event analysis

- Powerful, system-level analysis engine provides meaningful, system-level power quality information, not just data
- Intelligently correlates facility-wide events
- Discovers root causes of any PQ event
- Event correlation (based on time and type), waveform capture, disturbance direction detection

ION programmability

- Legendary, patented ION™ technology allows tremendous flexibility
- Adapts easily to your power network as it becomes more dynamic, as new energy efficient devices are installed, or as new regulations are passed
- Protects your infrastructure investment now and in the future



Learn more about the ION9000T series meters.

Let us help you make your power network safer, more reliable, efficient, and compliant, as well as improve operational and cost efficiency for your entire enterprise with a fully integrated EcoStruxure™ Power solution.

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