PowerLogic ION7400

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Compact, 3-phase, multifunction energy and power quality compliance meters ideally suited for utility feeder applications

Accuracy, precision, and performance

- **High quality, reliability, and accuracy:** 3-phase power and energy measurements with power quality compliance monitoring, data and event logging, and alarming
- **Industry-leading:** Class 0.2 revenue metering and network management data
- **Regulatory compliance:** meets all North and South American requirements for utility metering
- **Built-in intelligence:** RTU polls downstream devices like relays or other telemetry devices
- **Exceptional adaptability:** integrates into existing billing/SCADA systems
- **Reduces downtime:** pinpoints disturbances with disturbance direction detection as upstream or downstream of the meter
- **High degree of visibility to data and assets**: allows for cost savings, rapid response time, and better decisions

Object-oriented intelligence

- Device-embedded intelligence and network connectivity improves productivity (IoT)
- Unique, fully functional, object-oriented ION technology allows tremendous flexibility and creativity
- Modular design makes it possible to customize features or functions to suit your specific needs
- Protects your infrastructure investment now and in the future

Flexible and modular

- Integrates into existing billing/SCADA systems
- Out-of-the-box connectivity with open, scalable StruxureWare™ PowerSCADA and Power Monitoring Expert software
- Extensive data access options: utility-focused HMI, ANSI Type 2 optical port, USB port, multiprotocol communications (including IRIG-B), and calibration pulsing
- Dual-port Ethernet supports daisy-chaining, redundant loops, and multiple protocols
- Digital I/O for status monitoring, alarming, count metering, or analog I/O to track sensors or fuel levels
- Modbus Master, Ethernet-to-serial gateway capabilities

PQ compliance reporting, PQ analysis

- Monitors and logs parameters in support of multiple international PQ compliance measurement standards
- Harmonics: high-resolution waveform capture and Flicker influence

Alarming and control

- 50+ definable alarms to log critical event data, trigger waveform recording, or perform control
- Trigger on any condition, with cycle-by-cycle and 1-second response time
- Combine alarms using Boolean logic and create alarm levels
- Alarm notification via email text message
- Use Power Monitoring Expert software to categorize, trend, and evaluate conditions

PowerLogic ION7400 meters, combined with StruxureWare PowerSCADA software — or with an existing SCADA system — are key components within a comprehensive power management system.

Excellent quality

ISO 9001 and ISO 14000 certified manufacturing to ensure your investment retains value and precision

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.

Reference numbers	
Meter	**Description**
METSEION7400	ION7400 panel mount (integrated display with optical port and 2 energy pulse LEDs)
METSEION7403	DIN rail mount — utility meter base
Accessories	Description
METSEPM89RD96	Remote display, 3 metre cable, mounting hardware for 30 mm hole (nut and centering pin), mounting hardware for DIN96 cutout (92x92 mm) adapter plate
METSEPM89M2600	Digital I/O module (6 digital inputs and 2 relay outputs)
METSEPM89M0024	Analogue I/O module (4 analogue inputs and 2 analogue outputs)
METSECAB10	Display Cable, 10 metres

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