PMU TRAINING CENTER

PowerLogic & ION Metering Hardware
Installation &Troubleshooting - (1-Day)

Description:

This 1-day instructor led course focuses on the installation, set up, and troubleshooting of various PowerLogic™ and ION™ meters and communication devices a customer may own (reference the list of supported hardware below). Students will follow along on their own devices (unless demo equipment requested) as the instructor teaches meter capabilities, selection and proper placement around a facility. Participants will learn how to correctly wire and then configure these devices using the ION™ Setup Utility. They will also learn how to navigate through a meter display and how to identify and resolve issues related to configuration, wiring , or network communications. Finally, students will learn how configure PowerLogic™ gateways for device communication.

Supported Hardware:

- ION9000
- ION8650
- PM8000
- PM5000
- EcoStruxure Panel Server
- EcoStruxure Site Server
- Enerlin'X
- Link150
- EGX
- ComX

Audience:

Anyone who will be designing, installing, configuring, troubleshooting or maintaining PowerLogic and ION metering and communication devices.

Course Details

Duration:

- 1-Day

Delivery Type:

- Onsite Classroom (CR)
- Virtual Instructor Led (VILT)

Course Reference #:

- 3000PMU1DHW250

Product Numbers:

- Reference Table A

Prerequisites:

- Basic computer skills and experience with Microsoft Windows.
- Working knowledge and understanding of electrical terminology, concepts and calculations, including an understanding of the relationships among current, voltage, power and power factor in three-phase circuits.

Students will be provided:

- Operating Manuals or training material (if available) by request only
- Demo software or equipment is not included but can be requested for purchase during the quotation process

Objectives:

After completion of this training course, participants will be able to:

- Understand basic power fundamentals and terminology
- Determine the capabilities of specific PowerLogic and ION metering devices
- Use the PowerLogic™ and ION™ meter front panels
- Use the ION™ Setup Utility to troubleshoot CT and PT wiring issues
- Use the ION™ Setup Utility to modify and save meter configurations
- Explain how to correctly mount and wire PowerLogic and ION meters
- Upgrade the firmware of PowerLogic™ and ION™ meters
- Troubleshoot meter wiring and communication issues

se.com

Life Is On | Schneider Electric

PowerLogic and ION Metering Hardware
Installation and Troubleshooting - (1-Day)

1-Day Agenda

- Introduction to PowerLogic and ION meters
- Front Panel navigation
- CT & PT Wiring
- Phasor Diagram Troubleshooting
- ION Setup
- Meter Logging, Alarming, and Waveform capture settings
- Meter Template and Firmware application
- Communications

Onsite Part Number Reference Table

The following part numbers can be used for **On-Site** Customer Dedicated training events. Contact PMU@se.com for any custom quote request, including Virtual events or custom agendas.

SE Part Number	Description
3000PMUSITE1C	1 Instructor for 1 day, up to 10 students (no minimum required), no change to agenda, Standard Business Hours (SBH)
3000PMUSITE1CVF	1 Instructor for 1 day, up to 10 students (no minimum required), no change to agenda, SBH, with Videography Service (VS).
3000PMUCSITEPREP	1 day of Instructor prep time for custom content requests. Qty as needed.
3000PMUCSITE	Used to cover cost of second instructor for classes with 11-20 students.
Use the following part numbers for multi-day Onsite events.	
3000PMUSITE2C	1 Instructor for 2 days, up to 10 students (no min), no change to agenda, SBH
3000PMUSITE2CVF	1 Instructor for 2 days, up to 10 students (no min), no change to agenda, SBH, with VS
3000PMUSITE3C	1 Instructor for 3 days, up to 10 students (no min), no change to agenda, SBH
3000PMUSITE3CVF	1 Instructor for 3 days, up to 10 students (no min), no change to agenda, SBH, with VS
3000PMUSITE4C	1 Instructor for 4 days, up to 10 students (no min), no change to agenda, SBH
3000PMUSITE4CVF	1 Instructor for 4 days, up to 10 students (no min), no change to agenda, SBH, with VS

se.com

Life Is On | Schneider Electric