

SPI-III™

True Phase Identification System

SPI-III™ is designed to unmistakably identify electrical phases at any voltage levels (40V to 1,200kV) of an electrical power grid. Its advanced technologies enables effortless measurements anywhere.

Highlights

- Works on all voltage levels
- Intuitive graphical readings
- Direct & non-contact phasing
- Accurate GPS satellite technology
- Robust wireless communication
- Field-proven rugged design
- Holdover mode (no GPS coverage)
- Deferred mode (no cell coverage)
- **NEW** Preset mode



Consider it done!

- Based on a completely new and **future-proof** platform
- SPI-III™ is **state-of-the-art** phase ID system
- 25 years legacy of phase identification solutions

Free interactive presentation:



[Click here to schedule](#)



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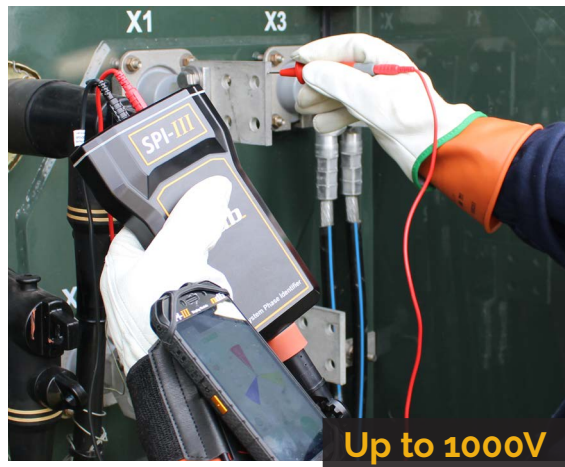
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Technologies



**No Cell ?
No GPS ?
No Problem !**

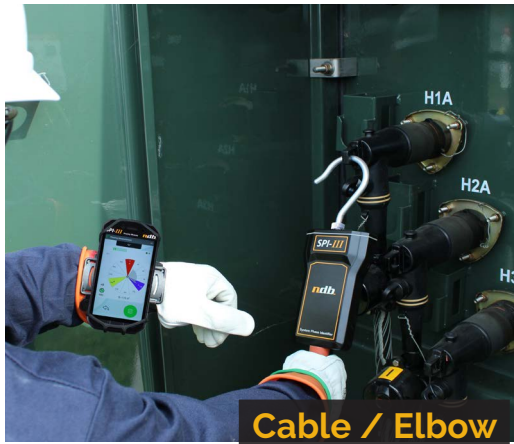
Low Voltage

- Outlets
- Meters
- Motor control centers
- Control panels
- Secondary circuits
- Substation control circuits
- Residential
- Commercial
- Industrial



Medium Voltage

- Overhead power lines
- Underground cable terminations
- Transformers
- Breakers
- Switchgear
- VDS / VPIS
- Motors
- Generators



High Voltage

- Transmission lines
- Switchyard
- Substation
- Busbars



Technical Specifications

Field Module

- Phasing resolution $\pm 1^\circ$
- 4 AA Batteries
- Autonomy: 30 hours of continuous phasing
- CAT-III 1000V / CAT-IV 600V low voltage phasing direct contact
- Up to 72 kV medium voltage direct contact using hotstick
- Non-contact up to 1,200kV
- Capacitive test port input
- Switchgear half rectified voltage indicator port measurements.
- IP-67 rating
- 50/60Hz
- CE certified
- Wireless range: 30 meters / 100 ft range, typical
- Languages: English, French, Indonesian, Polish, Thai, Turkish, Spanish & Chinese

Reference Module

- Two reference inputs (CAT-III 600V, CAT-IV 300V)
- Ethernet port
- Power input
- External GPS connection interface
- 50/60Hz
- CE certified

Reference Module

SPI-III™'s reference module implements a wide range of powerful features:

- ⌚ Dual input channels (up to 600V) providing system reference signal redundancy
- ⌚ GPS signal holdover in case of signal loss
- ⌚ Ultra-precise phase compensation
- ⌚ Flexible communication
- ⌚ Unlimited number of field sets simultaneously
- ⌚ One-time configuration (software included)

Compact & Lightweight

SPI-III™ field kit is equipped to perform phase ID right out of the box. Its high-quality hard-shell case is compact, lightweight, water-resistant (IP67) and has storage available to keep your accessories secured in one place.



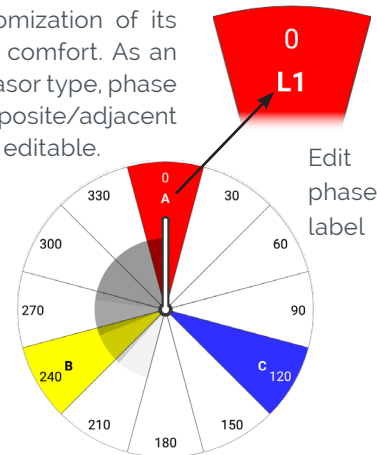
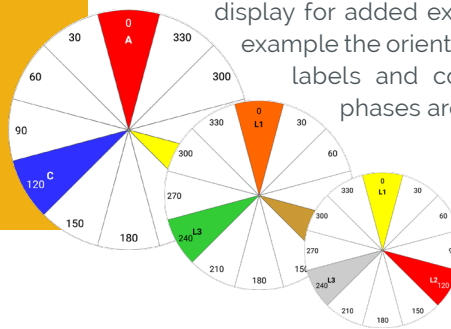
Display

- ⌚ Durable & waterproof
- ⌚ Works with gloves
- ⌚ Phasor & digital type results
- ⌚ Phase compensation
- ⌚ Save & export results
- ⌚ Signal strength & stability indicators
- ⌚ Flexible communication (Wi-Fi, 3G, LTE, hotspot)
- ⌚ Long lasting batteries



Customize your display

The SPI-III™ allows complete customization of its display for added experience comfort. As an example the orientation, phasor type, phase labels and colors, opposite/adjacent phases are all user editable.



NEW Preset Mode

An all-new feature is now included with SPI-III, the preset mode! With this new functionality, you don't ever need to deal with complex setups. Simply select a preset from the existing list to perform phasing with the correct settings in just a few seconds! **Engineering team:** Create and manage presets for the entire company from a web portal. Every field module is updated with your new presets or modifications instantly and remotely. Do away with ambiguity and use Preset Mode.

Accessories

An array of accessories is available to meet your field-testing applications



Magnetic holding strap



Y type probe



Hook type probe

VDS/VPIS adapters

Alligator clips

DMM probes

