

Leveraging Automatic Phase Identification for Load Management

Phase Detect Software

The landscape of network models is evolving, adding to the challenges of grid management. You can count on Aclara’s Phase Detect software to deliver precision that ensures your network is optimized. This extension to your AclaraONE program enhances efficiency by automatically verifying the phase of your meter without the need to deploy a crew.

Phase Detect delivers distribution network mapping with over 99% accuracy, precisely identifying the phases to which your meters are connected. It equips you to engage in distribution analytics and automation for continuous load balancing. Daily data integration into AclaraONE sets the stage for insightful reporting.

The advanced analysis offered by AclaraONE provides effective load balancing, to reduce the risk of faults and enhance your overall service quality. Our Phase Detect module streamlines the process of phase calculation through a single-phase measurement. This approach provides rapid calculations, ensuring quicker response times to outages. You benefit by recovering from storms more swiftly.

Phase Detect minimizes downtime and enhances efficiency of your network.



Specifications:

- Accuracy: > 99%
- Measurement: Phase Angle 0-360°
- Phasor angle: <1° precision
- Visualization: Tabular in AclaraONE
- Grouping: Grouping & Reporting by Phase
- Custom Labels: Phase labels A, B, C, -A, -B, -C, AB, CA, etc.
- Calculate Polarity: Yes

Eliminate uncertainty in your network mapping. Contact your Aclara representative for more information today.