



**COMING SOON**





**AXM-IO4**  
**Advanced I/O Module**  
Residual Current Monitoring Module

The AXM-IO4 expands the functionality of Acuvim II, Acuvim L, and Acuvim 3 power meters with advanced monitoring capabilities. By integrating residual current detection and temperature sensing, the module is ideal for applications in industrial automation, heavy equipment, and power distribution.





## Key Features

- + AC and DC Residual Current Monitoring**  
Dual independent channels for residual current monitoring. Supports various external residual current sensors to facilitate monitoring applications, depending on compatibility of the sensor type and configuration.
- + Integrated Temperature Monitoring**  
Dual Resistance Temperature Detector (RTD) inputs for simultaneous temperature measurement of equipment or enclosures alongside electrical monitoring.
- + Type AC / A / F / B Monitoring Support**  
Compatible with external residual current sensors for Type AC, Type A, Type F, and Type B residual current monitoring applications, depending on sensor type and system configuration.
- + High Measurement Accuracy**  
Delivers reliable and precise residual current detection for dependable system monitoring.
- + Continuous Sampling for Residual Current Monitoring**  
Utilizes a 5 kHz sampling rate to support residual current monitoring, alarm indication, and diagnostics.
- + Multi-Sensor Temperature Support**  
Works with PT100, PT1000, KTY83, and KTY84 sensors for flexible deployment.

## Applications

-  **Industrial System Monitoring**  
Residual current monitoring in distribution panels and UPS systems, providing alarm indication and diagnostics.
-  **Factory and Process Automation**  
Identify insulation degradation in motor drives and heavy industrial equipment through residual current monitoring.
-  **Renewable Energy Systems**  
Monitor residual current in solar inverters, energy storage systems, and converter-based equipment to identify abnormal residual current conditions.
-  **Thermal Monitoring**  
Measure temperature of equipment and enclosures to support over-temperature alarms, diagnostics, and BMS integration.

## Contact Information

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