

Life Is On

Schneider
Electric



The power to cure

iPMCC by Okken switchboard for
intelligent Power and Motor Control Centers

iPMCC by Okken™ is an advanced, smart solution for fault prevention, protection, and automatic restart in low-voltage electrical distribution and motor control operations.

iPMCC by Okken helps you boost productivity and energy efficiency while improving the safety and reducing down time of your continuous or critical processes, even in demanding environments. Integrated with highly reliable and IEC 61439-1&2 compliant Okken switchboards, it reduces maintenance and operating costs throughout your installation's life cycle.

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Optimize and increase your productivity with iPMCC by Okken



iPMCC by Okken includes a wide range of Schneider Electric smart devices and systems for:

- Power circuit protection and control
- Motor motion control
- Motor protection and monitoring
- Smart panel and cloud communication
- Energy and power quality metering
- Process automation

iPMCC by Okken is a tested, validated, and documented architecture (TVDA).

*Based on previous data, 2015. This is not a guarantee of future performance or performance in your particular circumstances.

1. Improve energy efficiency

- Reduce electrical energy consumption and enable up to 15%* of energy savings
- Synchronize motors to loads to reduce peak consumption by up to 50%* thanks to soft starters and variable-speed drives
- Manage reactive power compensation and thermal withstand control to reduce costs and increase energy availability

2. Optimize motor performance

- Reduce motor burnouts by up to 90%*
- Monitor and protect motors in compliance with IEC/EN 60947-4-1
- Access motor and protection device configuration at all times
- Detect a wide variety of faults (in association with TeSys™ T motor starters)

3. Enhance control and monitoring

- Improve traceability and control with local or remote real-time access
- Monitor the operating status and time (alarms and tripping)
- Monitor parameters and management of status, measurements, diagnostics, trends, and energy consumption

4. Improve smart grid integration

- Use pretested architectures offering a wide range of industry-leading communication protocols: modbus TCP, Ethernet/IP, Profibus®-DP, DeviceNet™, modbus, CANopen™, etc.
- Enable seamless integration with energy management and control systems (EMCS) and distributed control systems (DCS)

5. Increase the dependability of your installation

- Reduce untimely shutdowns by up to 70%* and maintenance costs by up to 50%*
- Achieve complete compatibility with Schneider Electric™ components and devices
- Enable rapid restarting in applications with zero down time tolerance
- Use our worldwide, localized support for troubleshooting and maintenance

6. Reduce lead times and costs

- Use tested, validated, and documented solutions with efficient design assistance tools
- Simplify installation thanks to downloadable parameters
- Speed up commissioning with diagnostic functions and statistics to identify faults and errors



Learn more about iPMCC by Okken today.
Visit www.schneider-electric.com/okken

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