

# Powerlink intelligent panelboards

Convenient, code-compliant plug load control and energy metering



Maximum energy management.  
Maximum convenience and control.  
Minimum installation time and cost.

With overcurrent protection, automated plug load and lighting controls, and energy measurement capabilities in one standard panelboard, Powerlink™ is an energy management powerhouse. This smart panel allows the user to remotely monitor and control plugs, circuits, panels, and lighting from one centralized location. Get energy savings, convenience, and control from a single compact solution.

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# Meeting new energy efficiency requirements and codes

Energy efficiency is quickly becoming a mandate and not just a nice to have. With new standards for reducing energy use a requirement, installing solutions to meet them is crucial.

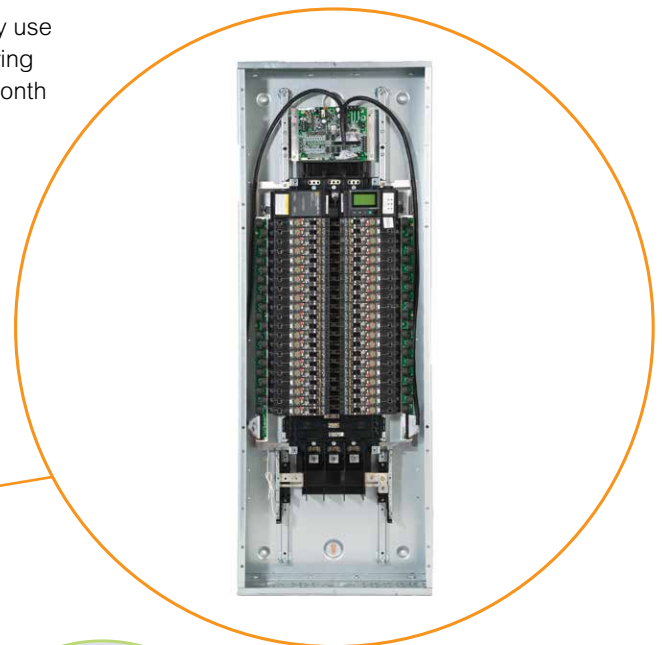
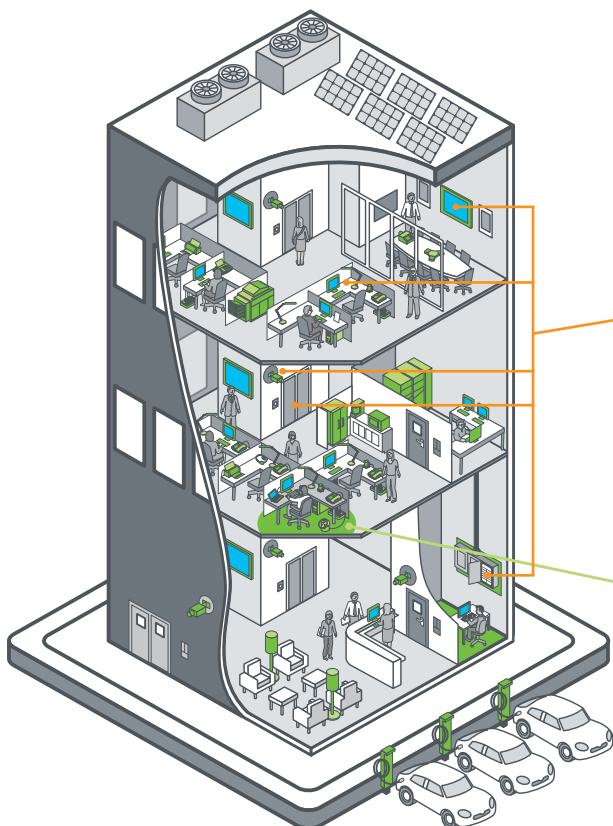
Standards such as CA Title 24 - 2013 and ASHRAE 90.1 - 2010, 2013 now require that at least 50 percent of all receptacles in designated spaces of a building be "controllable" with the ability to turn themselves off and on as needed. CA Title 24, Part 6 also requires user-accessible metering of electrical service. From specifications to construction, in retrofits or new builds, meeting these codes is a requirement and installing Powerlink intelligent lighting control panelboards is an easy way to do it.

Powerlink intelligent panelboards provide metering capabilities as well as plug load control, so you can meet codes and maximize energy efficiency with one compact solution. The Powerlink system includes automatic lighting and plug load controls for energy savings in addition to integral branch circuit and main metering. The integral PowerLogic™ branch circuit power meter (BCPM) is a highly accurate, full-featured, multibranch circuit power meter that provides unrivalled low-current monitoring.

Automatic, schedule-based lighting control, plug load control, and energy use monitoring makes Powerlink an energy management powerhouse, delivering energy efficiency improvement and energy cost reductions month-over-month and year-over-year with a fast ROI.

# 25%

Plug loads account for roughly 25% of total electricity consumed within office buildings.



## Powerlink benefits

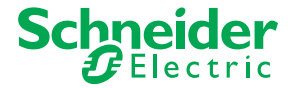
- Meet CA Title 24 standards
- Gain visibility into detailed energy use data
- Enjoy automated and schedule-based lighting control
- Plug load control for maximum energy use reduction and code compliance
- Monitor and verify energy use by circuit, zone, space, or system with integrated PowerLogic branch circuit power meter
- Remotely monitor and control lighting, circuits, and panels
- Receive instant alerts with remote email alarming
- Obtain reliable overcurrent protection for continuous power
- Achieve energy savings month-over-month and year-over-year
- Eliminate unnecessary energy consumption by switching lights off during unoccupied periods
- Reduce demand by shedding lights during peak demand periods
- Save space with many benefits packed into a standard panelboard footprint

## Powerlink features

- Microprocessor-based controller
- Internal time scheduler to switch breakers according to predefined daily schedules
- Easy standard panelboard installation — no extra cabinets or wiring required
- Innovative Square D™ by Schneider Electric™ brand remotely operated circuit breakers to combine the protective features of conventional circuit breakers with the switching functions of a contactor
- Up to eight panels can be operated from a single controller
- Proven to perform for 200,000 on/off/on load operations
- Fully compliant to meet today's building and energy code standards:
  - NEMA®, NEC, UL™, FCC emissions, ESD immunity, RF susceptibility, electrical fast transient susceptibility, electrical surge susceptibility, CA Title 24, seismic compliance



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Learn how to improve energy efficiency facility-wide,  
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