Simplify power distribution. Save space. Reduce costs.
Eaton’s Integrated Facility System™ (IFS™) switchboards utilize the modular Pow-R-Line C™ group-mounted switchboard design to integrate traditionally separate electrical distribution and control equipment into a single space-saving, factory-assembled and connected package. The results maximize application flexibility, simplify construction, minimize footprint and reduce costs.

The IFS switchboard offers:

- Reduced installation space
- Significantly decreased installation time
- Lower overall installed equipment costs

Eaton’s IFS switchboards are designed to meet specific needs for:

- Retail chain stores
- Commercial offices
- High rise buildings
- Correctional facilities
- Agricultural facilities
- Industrial facilities
- Hospitals/healthcare facilities
- Educational facilities

Featuring Eaton’s IFS applications
Reduce floor space required for electrical distribution equipment by as much as 50 percent with Eaton's IFS compact design and space-saving installation. By dramatically reducing the space, valuable income-generating square footage is gained.

Conventional design
IFS compact design uses only 50 percent floor space as compared to conventional design.

Consolidate traditional stand-alone equipment into a single package to simplify delivery, reduce equipment costs and maximize savings.

- Service entrance equipment
- Panelboards
- Dry-type transformers (15–500 kVA)
- Metering
- Lighting control system
- Contactors
- Surge protective devices
- Automatic transfer switches
- Uninterrupted power supplies
- Building management systems
- Customer-specified equipment

A pre-wired, customized unit eliminates the cost of lengthy installations. Built to meet or exceed industry standards, providing reliable service and optimal performance for any specified application. Eaton's IFS solution has the ability to control lighting and HVAC systems as well as complete enterprise-wide monitoring to reduce energy consumption and costs.

Depending upon the application, other user-defined equipment may also be incorporated.

The entire assembly is shipped at one time to reduce transactions and invoicing.

Simplify projects with the utmost in application flexibility.

- Built to meet or exceed industry standards, providing reliable service and optimal performance for any specified application
- Permits control of all lighting, HVAC and alarm systems with a single on/off switch as well as complete enterprise-wide monitoring
- Eaton's dedicated service network provides unbeatable global support with highly trained, knowledgeable engineers

Features and benefits

MINIMIZE FOOTPRINT

LOWER COSTS

ENHANCE FLEXIBILITY
SIMPLIFY CONSTRUCTION
Reduce timely coordination and installation of the electrical system with IFS. With IFS, the job costs and risk associated with installation are substantially reduced:

• Reduce on-site coordination and labor
• Expedite project timelines with a single, coordinated shipment
• Reduce installation time and costs with the reduction or elimination of interconnecting conduit, fittings and wire

STANDARDS AND CERTIFICATIONS—IFS

• A true Underwriters Laboratories (UL®) 891 switchboard
  • Powder coat paint finish
  • Laser cut, recessed trims
  • Interconnecting bus and cable
  • Front accessible, 90 inches high
  • “Well-labeled” for contractor installation
• Meets National Electrical Manufacturers Association (NEMA®) Standard PB-2 and UL 891
• Panelboards mounted inside the sections meet NEMA PB-1 and UL 67
• Integration of Pow-R-Command™ lighting controls into IFS helps meet the increasing energy code mandates at the federal, state and local levels

Examples of requirements:
• Additional controls
• Multiple light levels
• New and expanded applications
• Mandatory sub-metering, demand response capabilities
Eaton IFS solution

1. High-voltage panelboard
2. Integrated dry-type transformer
3. Low-voltage Pow-R-Command (PRC) Smart Breaker panelboard
4. Time clock for controlling PRC breakers
5. Lighting control override switches
6. Building automation controller
7. Service entrance panelboard
8. Standard panelboard
9. Miscellaneous controls
10. High-voltage chassis
11. Pre-wired color-coded cables
Commercial state energy code status

These maps reflect only mandatory statewide codes currently in effect as of June 1, 2016.

Eaton IFS manufacturing locations

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