

iDFS™ Low Voltage Switchboards (UL Listed)



Applications

Typical applications for iDFS™ equipment include:

- Retail stores / Grocery stores
- Office buildings / Public buildings
- Shopping malls / Strip malls
- Schools / Universities
- Restaurants / Food service
- Hotels / Motels
- Warehouses
- Equipment rooms
- Datacenters / Cryptocurrency mining
- Gyms

The engineered-to-order Integrated Deadfront Switchboard (iDFS™) combines electrical distribution equipment and building management controls into a single factory-assembled and wired integrated system. iDFS™ has much greater design flexibility for producing a fully customized solution integrating a variety of distribution and control components, including:

- Panelboards: I-Line, NF, NQ, and Column-width
- Surge Suppression: SPD integral to panel and/or separately mounted
- Lighting Controls: Powerlink™ or lighting contactors
- Monitoring/Metering: Powerlogic™ power meters, circuit monitors, branch circuit monitoring, and system display meters
- Power quality and power conditioning
- Building automation
- HVAC controls
- Lighting/Distribution transformers

Configurations

Equipment spaces including factory-installed lighting contactors are available in three configurations:

- Unwired: Mounted in cell only
- Line side wired: Line side of each pole is wired to a branch circuit breaker
- Fully wired: Line side of each pole is wired to a branch circuit breaker, load side of each pole is wired to a terminal block

Specifications

Integrated Deadfront Switchboards are NEMA 1 rated and meet the requirements of UL 891. As with all integrated solutions, iDFS™ are shipped to the site fully assembled, completely pre-tested and ready-to-install. Individual iDFS™ configurations include panel sections in full height, stacked, or side-by-side arrangements. iDFS™ sections measure:

- 84 in. (2134 mm) High
- 10.25 (260 mm) Deep
- Widths vary, depending upon customer specifications

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