

# SIEMENS



[www.usa.siemens.com/switchboards](http://www.usa.siemens.com/switchboards)

# Siemens Switchboards

## Product Description

Siemens Industry leading switchboards provide a solution for a wide range of applications. From 400A at 120V through 6000A at 600V.

Every aspect of the design of Siemens switchboards has been aimed at improving layout convenience, reducing installation costs and minimizing the impact and cost of changes to the system.

Siemens switchboards provide a rugged design and the flexibility necessary in electrical systems for all types of applications. Some examples are:

- Commercial buildings
- Industrial plants
- Retail chain stores
- Health care facilities
- Hi-rise complexes

## Standards & Certifications

- UL891
- NEMA PB-2
- Seismically qualified
- NEC
- cUL (also complies with CSA C22.2 No. 31)
- Other equipment is UL listed as applicable

## Features & Benefits

- Up to 6000 ampere main bus rating
- Up to 600 volts AC
- Bus bracing up to 200KAIC
- Tin plated aluminum bus, silver plated copper bus or tin plated copper bus
- Bussing can be temperature or density rated
- Type 1 and Type 3R enclosures
- Main and branch circuit breakers and fusible switches
- Thermal magnetic and solid state circuit breakers
- ACCESS power monitoring on mains and branches
- Surge protective devices
- Utility metering provisions
- Ground fault protection on mains and distribution devices
- Busway and transformer connections

## Additional Information

For complete application and pricing information contact your local sales office.

For further information on the product, visit our website at [www.usa.siemens.com/switchboards](http://www.usa.siemens.com/switchboards).

For detailed configuration information consult the selection & application guide on the website.

**Building Technologies - Low Voltage**

# Individual Switchboard Product Lines

## Distribution Switchboards

Distribution switchboards (types SB1, SB2 & SB3) meet the market need for power distribution for a wide range of applications.

SB1 switchboards have been specifically designed for the shortest lead times and for applications where floor space is at a premium. SB2 switchboards have been designed to be able to incorporate additional features over an SB1. SB3 switchboards are designed for custom options to provide a solution for nearly any electrical distribution requirement.

## Commercial Multi-Metering Switchboards

Commercial multi-metering switchboards (types SMM & MMS) provide a reduced footprint and installation time for projects requiring commercial metering.

These switchboards provide utility metering for multiple tenants. They are the ideal solution for shopping centers, office buildings or any other commercial metering application. Completely engineered and assembled, Siemens commercial multi metering switchboards require minimal time and cost for installation. These switchboards are specifically designed to meet the unique requirements of any local utility.

## Stock Switchboards

Stock switchboards (types Blue Pennant, BCT & SCT) provide pre-packaged service entrance equipment.

These switchboards are stocked at Siemens distribution centers and are available for immediate delivery to match the needs of the construction market. Stock switchboards are suitable for service entrance equipment and combine utility metering provisions with a main disconnect

## Integrated Power Systems

Integrated Power Systems (type IPS) switchboards integrate electrical equipment that's typically mounted in separate enclosures into a single assembly.

The IPS switchboard design results in a large reduction in footprint in an electrical room. In addition to a reduced footprint, factory installed wiring significantly reduces installation time and cost.

## Gen Ready Switchboards™

Gen Ready quick connect switchboards meet the market need of quick connection of a generator for temporary back-up power.

These switchboards incorporate Crouse Hinds Cam Loks® for quick connection of generator to a normal switchboard. The most common application of these switchboards are retail stores with perishable items, nursing homes and hospitals. However, these types of switchboards should be applied in any application that is sensitive to power outages.

## Rear Connection Switchboards

Rear connected switchboards (type RCS) individually mount main and feeder devices.

Due to this method of mounting, access to outgoing cable terminations must be from the rear of the switchboard. When many large feeder breakers are required, the RCS switchboard design significantly reduces the footprint of the equipment.

## Siemens Industry, Inc.

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