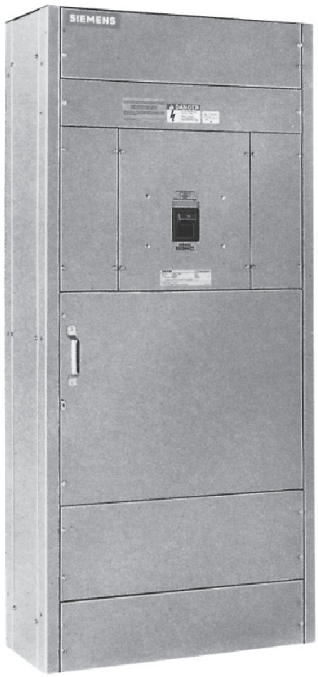
## Product Description

Siemens BCT stock service entrance switchboards are designed as stock units to meet the fast delivery needs of the market.

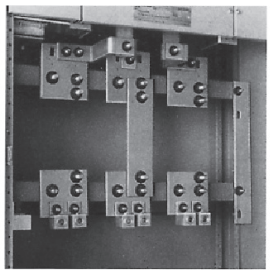
Siemens BCT switchboards incorporate a utility current transformer compartment and a Sentron molded case circuit breaker in a single section.

BCT switchboards have many applications, some of the most common include:

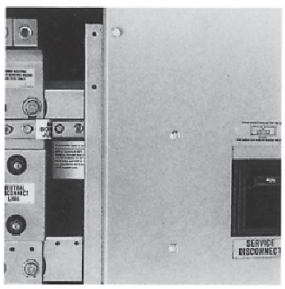
- Retail stores
- Office buildings
- Small factories
- Commercial stores and shopping centers



BCT Service Cubicle



Utility metering provsion



Neutral disconnect link

## Features & Benefits

### Features

- Up to 1200 amperes
- Up to 600 volts AC
- Bus bracing up to 100KAIC
- Type 1 enclosures only

### Utility Provision

The provision can be adjusted for use with 12" or 14.5" primary bar type current transformers. All switchboards are supplied as top feed cold sequence metering only. Switchboards can be field modified for other configurations per the available configurations table below.

### Main Disconnect

The main service disconnect is a Sentron molded case circuit breaker available from 400 to 1200 amperes.

### Enclosure

The enclosure is tamperproof with a hinged door over the utility provision compartment with a latch for the utility to be able to seal off the compartment. Enclosures are only available as type 1 indoor.

## Standards & Certifications

- UL891
- NEMA PB-2
- Other equipment is UL listed as applicable

**Connectors (Per Phase & Neutral)**

| Ampere Rating | Connectors Suitable For Cu or Al |
|---|---|
| 400 | (1) 4/0-500 kcmil<br>(2) 250 kcmil |
| 600 | (2) 4/0-500 kcmil |
| 800 | (2) 250-500 kcmil |
| 1000 | (4) 250-500 kcmil |
| 1200 | (4) 250-500 kcmil |

**BCT Catalog Numbers & Application Data**

| Catalog Number | Symmetrical Amperes Interrupting Capacity | | | Ampere Rating | System Voltage | | Dimensions (inches) | | | Available Configurations | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 240V | 480V | 600V | | | | Height | Width | Depth | Top Feed Cold Seq. | Top Feed Hot Seq. | Bottom Feed Cold / Hot Seq. |
| BCT436JXD6 | 65,000 | 35,000 | 25,000 | 400 | 120/240V<br>208Y/120V<br>240V<br>480Y/277V<br>480V<br>600V | 1-Phase, 3-Wire<br>3-Phase, 4-Wire<br>3-Phase, 3-Wire<br>3-Phase, 4-Wire<br>3-Phase, 3-Wire<br>3-Phase, 3-Wire | 70 | 32 | 13.75 | ● | ● | ● |
| BCT436HJD6 | 100,000 | 65,000 | 35,000 | | | | | | | ● | ● | |
| BCT636LXD6 | 65,000 | 35,000 | 25,000 | 600 | | | | | | ● | ● | ● |
| BCT636HLD6 | 100,000 | 65,000 | 35,000 | | | | | | | ● | ● | |
| BCT836MXD6 | 65,000 | 50,000 | 25,000 | 800 | | | 90 | | | ● | ● | ● |
| BCT836HMD6 | 100,000 | 65,000 | 50,000 | | | | | | | ● | | |
| BCT1036NXD6 | 65,000 | — | — | 1000 | 208Y/120V<br>240V | 3-Phase, 4-Wire<br>3-Phase, 4-Wire | | | | ● | ● | ● |
| BCT1036HND6 | 100,000 | — | — | | | | | | | ● | | |
| BCT1236NXD6 | 65,000 | — | — | 1200 | | | | | | ● | ● | ● |
| BCT1236HND6 | 100,000 | — | — | | | | | | | ● | | |
| PTE | Potential Transformer Enclosure | | | — | — | — | 20 | 20 | 10 | | | |