

Stock Service Entrance Switchboards

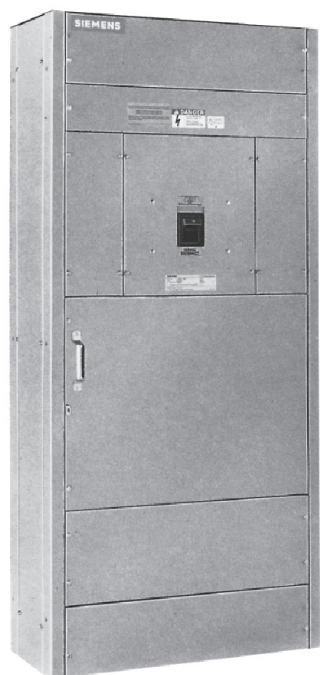
Product Description

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

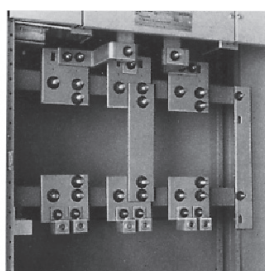
Siemens BCT switchboards incorporate a utility current transformer compartment and a Sentron molded case circuit breaker in a single section.

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

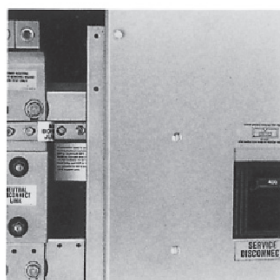
- Retail stores
- Office buildings
- Small factories
- Commercial stores and shopping centers



BCT Service Cubicle



Utility metering provision



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 (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 208Y/120V	70	32	13.75	●	●	●	
BCT436HJD6	100,000	65,000	35,000						●	●	●	
BCT636LXD6	65,000	35,000	25,000	600	240V 480Y/277V	70	32	13.75	●	●	●	
BCT636HLD6	100,000	65,000	35,000						●	●	●	
BCT836MXD6	65,000	50,000	25,000	800	480V 600V	70	32	13.75	●	●	●	
BCT836HMD6	100,000	65,000	50,000						●	●	●	
BCT1036NXD6	65,000	—	—	1000	208Y/120V 240V	90	20	20	10	●	●	●
BCT1036HND6	100,000	—	—							●	●	●
BCT1236NXD6	65,000	—	—	1200	240V	90	20	20	10	●	●	●
BCT1236HND6	100,000	—	—							●	●	●
PTE	Potential Transformer Enclosure			—	—	—	20	20	10			