



Front Connected Switchboard (Type SB2)



Integrated Power Systems Switchboard



Rear Connected Switchboard (Type RCS)

contents

Front Connected Switchboards	13-2 to 13-11
Distribution Switchboards (Type SB1, SB2, SB3)	13-2 to 13-4
Integrated Power Systems Switchboards (Type IPS)	13-5 to 13-6
Commercial Multi-Metering Switchboards (Type SMM & MMS)	13-7
Embedded Micro Metering Module™ (SEM3)	13-8
Sm@rt DAS Type SB3	13-9
Generator Ready Switchboards	13-10 to 13-11
TPS3 Family of Hardwired Surge Protective Devices	13-12
Rear Connected Switchboards (Type RCS)	13-13
Stock Service Entrance Switchboards	13-14 to 13-22
General Stock Switchboard Overview	13-14
Super Blue Pennant Switchboards	13-15 to 13-20
Circuit Breaker Stock Switchboard (Type BCT)	13-21
Fusible Stock Switchboard (Type SCT)	13-22
Switchboard Monitoring	
Sm@rtGear Mobile App	13-23 – 13-24
Switchboard Replacement Parts and Modification Kits	13-25 – 13-26

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Stock Service Entrance Switchboards

Product Description

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

All of Siemens stock switchboards are suitable for service entrance. These switchboards combine utility metering provisions and a main service disconnect that can either be a Vacu-Break fusible switch or a molded case circuit breaker.

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

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

Individual Product Lines

Super Blue Pennant

- Specifically designed to meet EUSERC requirements
- Provision for EUSERC utility metering
- Main fusible switch or circuit breaker
- Optional distribution panel

BCT Service Cubicle

- Provision for utility metering (non-EUSERC)
- Main molded case circuit breaker

SCT Service Cubicle

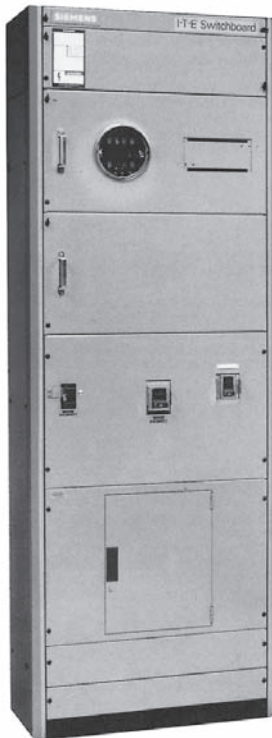
- Provision for utility metering (non-EUSERC)
- Main Vacu-Break fusible switches

Additional Information

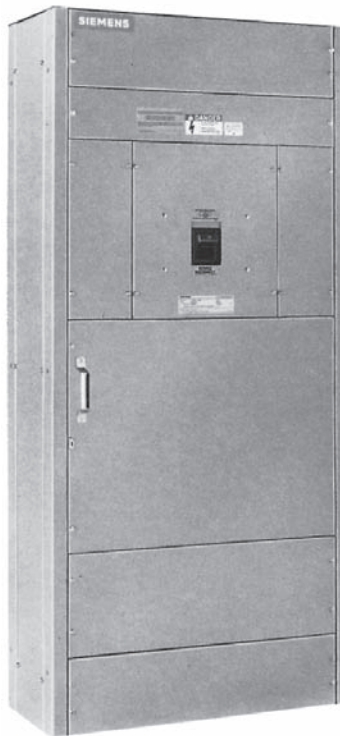
For complete application and pricing information contact your local Siemens sales office.

For further information on the product, visit our website at www.usa.siemens.com/switchboards

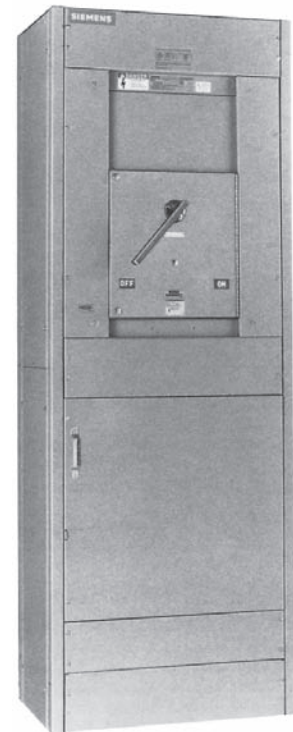
For detailed configuration information consult the selection and application guide on the website.



Super Blue Pennant



BCT Service Cubicle



SCT Service Cubicle

Stock Service Entrance Switchboards

Super Blue Pennant Switchboards

General

Product Description

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

Super Blue Pennant switchboards are suitable for service entrance and are specifically designed to meet EUSERC requirements. They combine utility metering provisions with either a main Sentron molded case circuit breaker or Vacu-Break fusible switch. An optional plug-in or bolt on distribution panel can also be added in the field in the same section.

Super Blue Pennant switchboards have many applications, some of the most common include:

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



Super Blue Pennant

Features & Benefits

Features

- Up to 800 amperes
- Up to 480 volts AC
- Bus bracing up to 200KAIC
- Type 1 or Type 3R enclosures

Utility Provision

Incoming main lugs are mechanical screw-type, mounted on studs and accept a wide range of cable sizes. A barriered hot sequence utility metering compartment is supplied which meets all EUSERC requirements. The meter and test block provisions are also built to meet EUSERC requirements.

Main Disconnect

The main service disconnect can be either a Sentron molded case circuit breaker in 400, 600 or 800 amperes or a Vacu-Break fusible switch in 400 or 600 amperes.

Distribution Panel

Super Blue Pennant switchboards can accommodate an optional distribution panel assembly per unit with ratings of 400, 600 or 800 amperes. The distribution panel can take up to 40 single pole branch breakers which can be either bolt on or plug-in.

Standards & Certifications

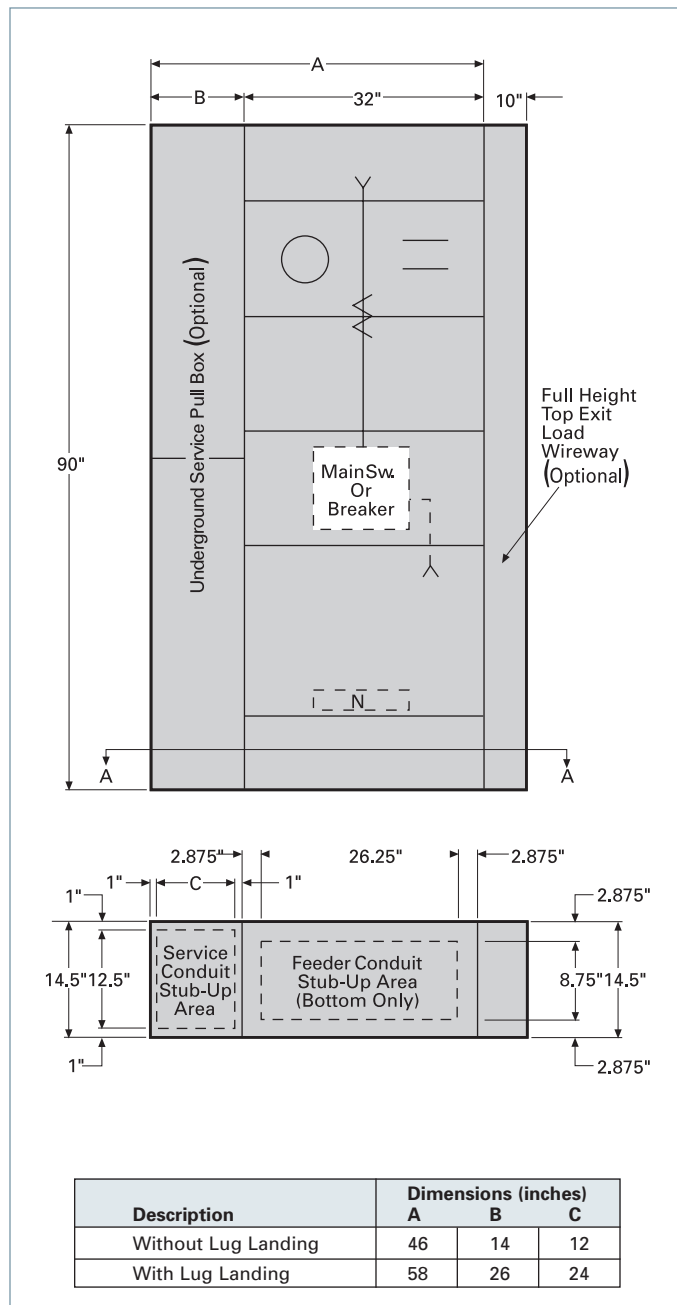
- UL891
- NEMA PB-2
- Seismically qualified
- Other equipment is UL listed as applicable
- Suitable for use only for service entry equipment

Stock Service Entrance Switchboards

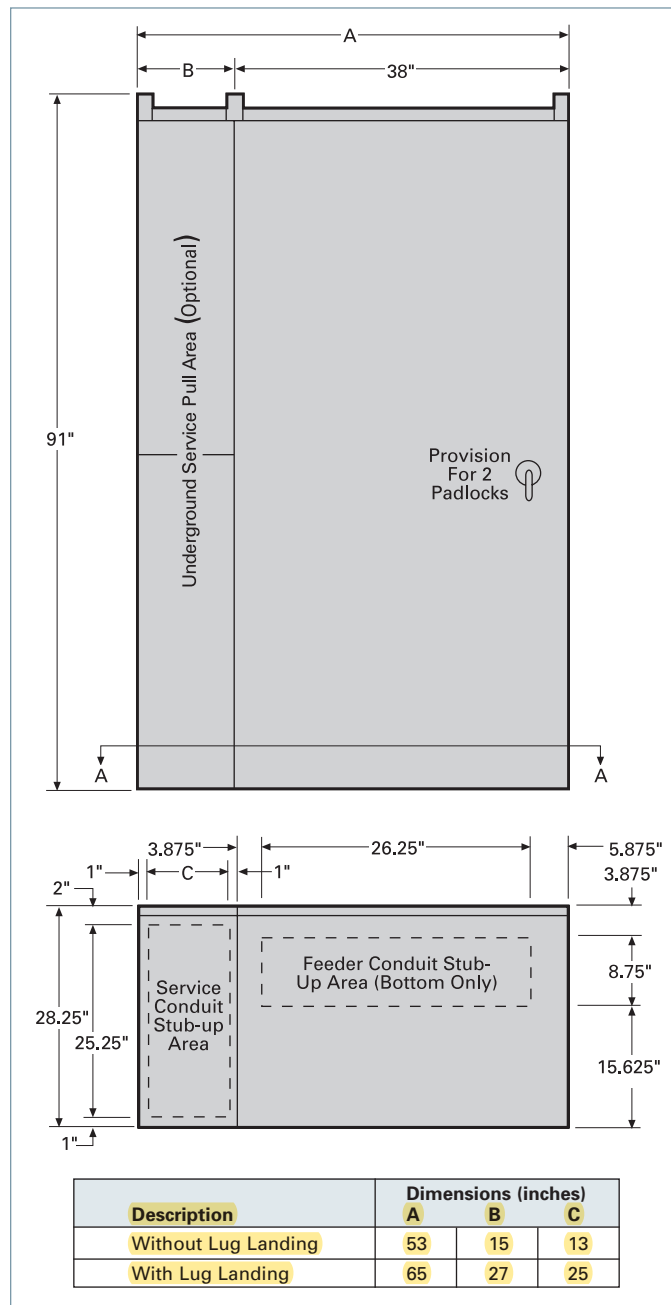
Super Blue Pennant Switchboards

Dimensions

Type 1 — Indoor



Type 3R — Outdoor Weatherproof



For inches / millimeters conversion, see conversion table in Application Data section.

Stock Service Entrance Switchboards

Super Blue Pennant Switchboards

Selection

Main Circuit Breaker

Main Device Ampere Rating	Service Voltage	Catalog Number		Meter Socket Clips	Distribution Kits Available	Approximate Weight (lbs.)	
		Indoor	Outdoor			Indoor	Outdoor
400 Ampere Line Lugs (2)— $\frac{3}{4}$ -500 kcmil (Copper or Aluminum) Breaker Rated 65,000A IR Symmetrical at 240 Volts 35,000A IR Symmetrical at 480 Volts Type JD6	120/240; 1-Phase, 3-Wire	PB224 ^③	WPB224 ^③	5 ^②	PQ2630 PQ2612	320	1050
	240/120; 3-Phase, 4-Wire Delta 240; 3-Phase, 3-Wire 208Y/120; 3-Phase, 4-Wire	PB424 ^③	WPB424 ^③	15	PQ4630 PQ4612	335	1060
	480Y/277; 3-Phase, 4-Wire 480; 3-Phase, 3-Wire	PB444 ^③	WPB444 ^③	15	PE4630 PF4606	335	1060
600 Ampere Line Lugs (2)— $\frac{3}{4}$ -500 kcmil (Copper or Aluminum) Breaker Rated 65,000A IR Symmetrical at 240 Volts 35,000A IR Symmetrical at 480 Volts Type LD6	120/240; 1-Phase, 3-Wire	PB226 ^③	WPB226 ^③	5 ^②	PQ2630 PQ2612	320	1050
	240/120; 3-Phase, 4-Wire Delta 240; 3-Phase, 3-Wire 208Y/120; 3-Phase, 4-Wire	PB426 ^③	WPB426 ^③	15	PQ4630 PQ4612	335	1060
	480Y/277; 3-Phase, 4-Wire 480; 3-Phase 3-Wire	PB446 ^③	WPB446 ^③	15	PE4630 PF4606	335	1060
800 Ampere Line Lugs (3)— $\frac{3}{4}$ -500 kcmil (Copper or Aluminum) Breaker Rated 65,000A IR Symmetrical at 240 Volts 50,000A IR Symmetrical at 480 Volts Type MD6	120/240; 1-Phase, 3-Wire	PB228 ^③	WPB228 ^③	5 ^②	PQ2840 PQ2816	460	1090
	240/120; 3-Phase, 4-Wire Delta 240; 3-Phase, 3-Wire 208Y/120; 3-Phase, 4-Wire	PB428 ^③	WPB428 ^③	15	PQ4840 PQ4818	475	1090
	480Y/277; 3-Phase, 4-Wire 480; 3-Phase, 3-Wire	PB448 ^③	WPB448 ^③	15	PE4840 PF4809	475	1090



13 SWITCHBOARDS

For inches / millimeters conversion, see conversion table in Application Data section.

- ① Load side lugs, distribution panel and subfeed kits are not included.
- ② For 6-jaw requirements, order 6th clip kit from accessories.
- ③ Suitable for use only for service entry equipment

■ = Warehouse Stock

Stock Service Entrance Switchboards

Super Blue Pennant Switchboards

Selection

Main Fusible Switch^{①②}

Main Device Ampere Rating	Service Voltage	Catalog Number ^③		Meter Socket Clips	Distribution Kits Available	Approximate Weight (lbs.)	
		Indoor	Outdoor			Indoor	Outdoor
400 Ampere Line Lugs (2)— $\frac{3}{4}$ -500 kcmil (Copper or Aluminum) 200,000 AIC maximum at 600 Volts	120/240; 1-Phase, 3-Wire	PF224	WPF224	5 ^④	PQ2630 PQ2612	365	1094
	240/120; 3-Phase, 4-Wire Delta 240; 3-Phase, 3-Wire 208Y/120; 3-Phase, 4-Wire	PF424	WPF424	15	PQ4630 PQ4612	375	1110
	480Y/277; 3-Phase, 4-Wire 480; 3-Phase, 3-Wire	PF444	WPF444	15	PE4630 PF4606	375	1110
600 Ampere Line Lugs (2)— $\frac{3}{4}$ -500 kcmil (Copper or Aluminum) 200,000 AIC maximum at 600 Volts	120/240; 1-Phase, 3-Wire	PF226	WPF226	5 ^④	PQ2630 PQ2612	370	1100
	240/120; 3-Phase, 4-Wire Delta 240; 3-Phase, 3-Wire 208Y/120; 3-Phase, 4-Wire	PF426	WPF426	15	PQ4630 PQ4612	390	1110
	480Y/277; 3-Phase, 4-Wire 480; 3-Phase 3-Wire	PF446	WPF446	15	PE4630 PF4606	390	1120



Super Blue Pennant Switchboards

Main Device (Fusible Switch)

Load Side Lugs^⑤— Discount Schedule SWBD

Ampere Rating	Description	Catalog Number	Wire Range
400	For Fusible	LKF4	(1)—3/0-750 kcmil (Cu or Al)
600	Switch	LKF6	(2)—3/0-500 kcmil (Cu or Al)

Description	Catalog Number
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"R" Fuse Clip Adapter Kit (Set of 3) — Discount Schedule VBSS

400A 240/600V	HR65A
600A 240/600V	HR66A

"J" Fuse Clip Adapter Kit (Set of 3) — Discount Schedule VBSS

400A 240V	⑥⑦
400A 600V	HJ65A ^{⑥⑧}
600A 240V	HJ66A ^{⑥⑦}
600A 600V	HJ66A

"T" Fuse Clip Adapter Kit (One Pole Kit) — Discount Schedule VBSS

400A 240V	HT25A
400A 600V	HT65A, HT265A ^⑨
600A 240V	HT26A
600A 600V	HT66A

For inches / millimeters conversion, see conversion table in Application Data section.

① Fuses not included.

② Switch accepts class H or K fuses from factory without need for adaptor.

③ Suitable for use only for service entry equipment.

④ For 6-jaw requirements, order 6th clip kit from accessories.

⑤ Includes phase and neutral load lugs and neutral link assembly.

⑥ Kit not required for branch circuit switches, relocate lug base to achieve fuse fit.

⑦ J fuse option not available for 240V main switches.

⑧ Lug base relocation plus kit required for branch circuit switches.

⑨ Kit required for Main Switch only.

■ = Warehouse Stock

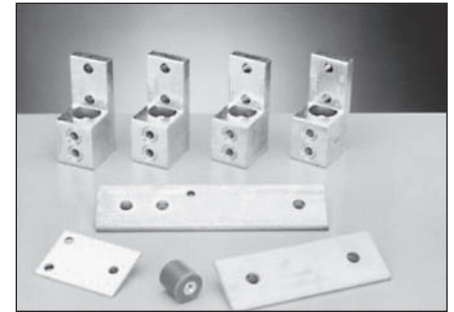
Stock Service Entrance Switchboards

Super Blue Pennant Switchboards

Selection

Main Device (Circuit Breaker or Fusible Switch) Load Side Lugs^① — Discount Schedule SWBD

Ampere Rating	Description	Catalog Number	Wire Range
400	For Circuit Breaker	LKB4	(1)—600-750 kcmil (Cu or Al)
600		LKB6	(2)—3/0-350 kcmil (Cu or Al)
800		LKB8	(2)—600-750 kcmil (Cu or Al)



Distribution Panel Kits — Discount Schedule SWBD

Ampere Rating	Voltage	Number and Type of Breaker Poles ^⑥				Catalog Number	Weight
		QP or HQ ^②	ED4 ^⑦	QR2, QRH2, or HQR2 ^⑦	FXD6 ^{②⑥⑦}		
400 and 600	120/240V; 1-Phase, 3-Wire	30	—	—	—	PQ2630	39
		12	—	12	—	PQ2612	
	240/120V; 3-Phase, 4-Wire Delta ^{④⑤} 240V; 3-Phase, 3-Wire ^⑤ 208Y/120V; 3-Phase, 4-Wire	30	—	—	—	PQ4630	42
		12	—	12	—	PQ4612	
	480Y/277V; 3-Phase, 4-Wire 480V; 3-Phase, 3-Wire	—	30	—	—	PE4630	42
		—	12	—	6	PF4606	65
800	120/240V; 1-Phase, 3-Wire	40	—	—	—	PQ2840	65
		12	—	16	—	PQ2816	
	240/120V; 3-Phase, 4-Wire Delta ^{④⑤} 240V; 3-Phase, 3-Wire 208Y/120V; 3-Phase, 4-Wire	40	—	—	—	PQ4840	70
		12	—	18	—	PQ4818	
	480V; 3-Phase, 3-Wire 480Y/277V; 3-Phase 4-Wire	—	40	—	—	PE4840	65
		—	12	—	9	PF4809	70

Super Blue Pennant Switchboards

Description	Catalog Number
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Circuit Breaker Subfeed Kits: (Breakers Not Included) — Discount Schedule SWBD

For FXD6-225A 2 or 3-pole	PSFFJ6
For JXD6, JD6, HJD6 400A 2 or 3-pole	PSFJL6

Filler Plates — Discount Schedule MCCB

QP, BL, BQD, xGB, xGB2, ED	QF3
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Circuit Breaker Subfeed Kits: (Breakers Not Included) — Discount Schedule SWBD

Blocking (QP-HQP 1, 2 and 3-pole)	ECQL1
Blocking (QR2, QRH2, HQR2, HQR2H)	HBLQR
Blocking (ED2, ED4, ED6)	E2HBL
Padlock (QP-HQP)	ECQLD3
Padlock (QR2, QRH2, HQR2, HQR2H)	HPLQR
Padlock (ED2, ED4, ED6)	ED2HPL

For inches / millimeters conversion, see conversion table in Application Data section.

①Includes phase and neutral load lugs and neutral link assembly.
②3-pole FXD6 requires 3-pole space.

③Includes branch neutral and disconnect link assembly.
④1-pole breakers must not be connected to "B" phase.
⑤2-pole breakers must be rated 240V.
⑥FXD6 circuit breakers are limited to 225A maximum.
⑦Price from Molded Case Circuit Breaker section.

⑧ QR2, QRH2 & HQR2 are suitable replacements for QJ2, QJH2, QJ2H, HQJ2, HQJ2H, MQ, MQH and MQL, 2 and 3 Pole constructions.

■ = Warehouse Stock

Stock Service Entrance Switchboards

Super Blue Pennant Switchboards

Accessories

Description	Catalog Number
Underground Pull Section or Full Height Section For Load Wiring — Discount Schedule SWBD	
14.5" Deep 90" High 14" Wide (12" opening) — indoor 15" Wide (12" opening) — outdoor	PUG14 [Ⓢ] WPUG14 [Ⓢ]
26" Wide (24" opening) — indoor 27" Wide (24" opening) — outdoor	PUG26 WPUG26
10" Wide (load wiring)	PLW10

Lug Landing Kits — Discount Schedule SWBD (Requires Catalog Number PUG26 or WPUG26)

400A	1-Phase, 3-Wire or 3-Phase, 4-Wire	PLL44 [Ⓢ]
600A	1-Phase, 3-Wire or 3-Phase, 4-Wire	PLL46 [Ⓢ]
800A	1-Phase, 3-Wire or 3-Phase, 4-Wire	PLL48 [Ⓢ]

Optional Meter Sockets and Doors — Discount Schedule SWBD

Meter Compartment Door (32" Wide x 15" High for "S" base socket with test block cutout (order necessary meter base from items below)	PSP32
Meter Compartment Door (32" Wide x 30" High) for 2 "S" base meters with mounting provisions for test block and printing demand meter (order meter base from table below) Left Hand Hinge or Right Hand Hinge	PSDP32
Blank Meter Compartment Door (32" Wide x 15" High)	PBP32
5 Clip Meter Socket with ring	PMS5
6 Clip Meter Socket with ring	PMS6
8 Clip Meter Socket with ring	PMS8
13 Clip Meter Socket with ring	PMS13
15 Clip Meter Socket with ring	PMS15

Equipment Ground Bus — Discount Schedule SWBD

	PEGB42
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For inches / millimeters conversion, see conversion table in Application Data section.

☐ = Warehouse Stock

● A suffix. New 'Series A' design

Ⓢ A PUG26 or WPUG26 Underground pull section is required when using these lug landing kits.

Ⓢ Non- EUSERC compliant

Stock Service Entrance Switchboards

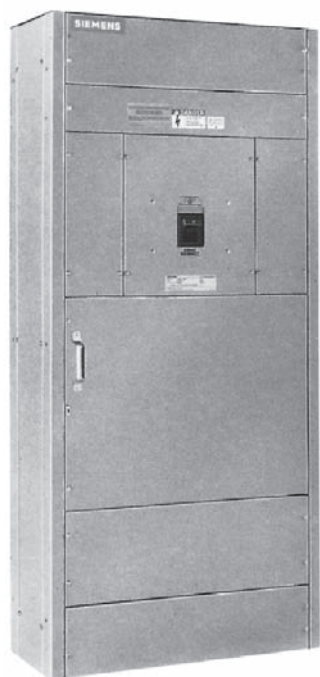
Product Description

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

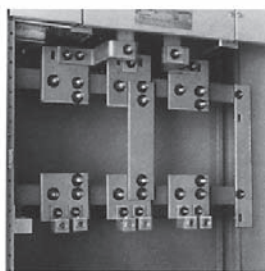
Siemens BCT switchboards incorporate a utility current transformer compartment and a Sentron molded case circuit breaker in a single section.

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

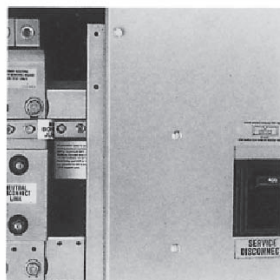
- Retail stores
- Office buildings
- Small factories
- Commercial stores and shopping centers



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	—	90	20	20	10	●	●	●
BCT1236HND6	100,000	—	—							●	●	●
PTE	Potential Transformer Enclosure			—	—	—	20	20	10			

Stock Service Entrance Switchboards

Product Description

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

Siemens SCT switchboards incorporate a utility current transformer compartment and a Vacu-Break fusible switch.

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

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

Features & Benefits

Features

- Up to 1200 amperes
- Up to 600 volts AC
- Bus bracing up to 200KAIC
- 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..

Main Disconnect

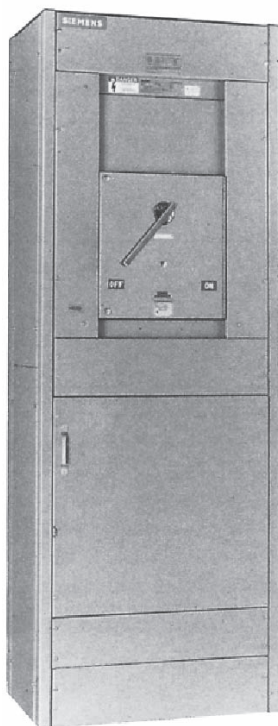
The main service disconnect is a Vacu-Break fusible switch available from 400 to 1200 amperes.

Enclosure

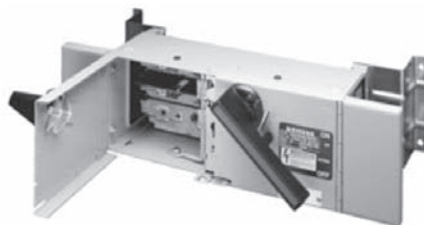
The enclosure is tamperproof with a hinged door over the utility provision compartment with a latch for the utility to be able to seal off the compartment. Enclosures are only available as type 1 indoor.

Standards & Certifications

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



SCT Service Cubicle



Vacu-Break Main Switch

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

Fuse Clips

Ampere Rating	Fuse Clip	Symmetrical Amperes Interrupting Capacity
400 - 600	R	200,000
800 - 1200	L	100,000

SCT Catalog Numbers & Application Data

Catalog Number		Ampere Rating	System Voltage		Dimensions (inches)		
Cold Sequence	Hot Sequence				Height	Width	Depth
SCT432	L SCT432	400	120/240V	1-Phase, 3-Wire	90	32	20
SCT632	L SCT632	600	208Y/120V 240V	3-Phase, 4-Wire 3-Phase, 3-Wire			
SCT436	L SCT436	400	480Y/277V	3-Phase, 4-Wire			
SCT636	L SCT636	600	480 or 600V	3-Phase, 3-Wire			
SCT836	L SCT836	800	All	—			
SCT1236	L SCT1236	1200	208Y/120V 240V	3-Phase, 4-Wire 3-Phase, 3-Wire			