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Busway Systems Overview

Pricing Notes

General

A. Footage Pricing

1. Sentron and XL-U base pricing is listed on a per foot charge. When calculating the footage charge, fractions are figured to the next larger number of whole feet (i.e., a linear run totaling 66'3" would be priced at 67 feet.
2. BD and XJ-L HD base pricing is listed on a per section charge.

B. Accessories

Some busway accessories are listed as complete device prices while others are listed under accessory charges.

1. Complete device price includes all material and accessory charges for a standard device. (Busway footage included if applicable).
2. Accessory Charge includes fabrication and any miscellaneous fittings for the standard device. (No busway footage included).

C. End Cable Tap Boxes

are designed to be installed at the beginning or end of a busway run. The busway rating determines the tap box list price. Mechanical lugs are standard. For compression lugs add 30% to tap box list price.

D. Elbows

with an angle other than 90 degrees, the accessory charge is to be doubled.

E. Flange Ends (Switchboard Connections / Stubs)

accessory prices are for connection to Siemens equipment. For connection to other manufacturer's equipment, multiply the flange end list price by 2.5. Standard list price includes eight inches of bus extension into equipment from mounting flange, if more than 8 inches required consult factory for pricing. Sentron Switchboards can be assembled with the Busway Flanged End pre-installed, eliminating the labor to connect the Busway to the switchboard at the job site.

F. Service Heads

are specially constructed tap boxes suitable for outdoor use and are equipped to accept service cables through a removable insulated bottom plate. The busway should be priced through the end of the run.

G. Phase Transpositions

can be built into a busway section to provide better voltage balance on long runs. To price, use the "Expansion Section" accessory charge for the appropriate ampere rating.

H. Hangers

Sentron and XL-U busway are UL listed for standard hanger spacing of ten feet (on center). Purchasing busway hangers for horizontal installations is optional. Unistrut/Kindorf is commonly used by contractors as an approved alternative.

Two hangers are furnished free of charge with every straight section of BD and XJ-L HD. Self compensating "Spring" hangers required for vertical installations are designed to be field installed by the installer and are shipped separately. These are also used as intermediate supports where floor-to-floor height is greater than 16 feet.

I. Ceiling, Floor And Wall Flanges

are used when busway passes through a floor or wall and are intended to cover that portion of the opening around the outside of the busway. **They are not to be used to support the busway.**

J. Reducers

price is determined by the rating of the larger busway. Fused reducers do not include fuses.

K. Special Paint — Busway Sections, Accessories And Bus Plugs

Standard finish is ASA #61 light gray. For other than standard color, add 20% and consult factory for availability. XJL HD Busway is offered in ASA#61 Gray and Graphite Gray.

L. For Silver Finishing of Copper Bus Bars

, add 10%.

M. Roof Flanges

are specially constructed collars and plates built onto a section of 3R busway which passes through a flat or angled roof. Roof pitch must be given for angled roof.

N. Circuit Breaker Type Bus Plugs

for Sentron Busways are priced as "complete devices" with circuit breakers factory installed. Circuit Breaker plugs for XJ-L HD, BD, XL-U and XL-X busways are priced "enclosure only."

O. Fusible Type Bus Plugs

do not include fuses. Adapter kits for Class R, T & J fuses are available for field installation.

P. Cubicle

list prices include labor and material for a single frame device with enclosure including line side internal bussing for connection to busway and protective device. Fuses and load side bussing are not included in the base price.

Q. Sentron Busway

has been tested in accordance with UL1479 and offers a certified two hour fire rating for gypsum wall board construction, and a three hour fire rating for concrete slab or block penetrations. These ratings were achieved using standard busway installed with SpecSeal® sealant from Specified Technologies Inc. This material is available through Electrical Distribution.

R. Expansion Section

Qty (1) Expansion Section should be used for every 200ft of continuous Busway run length and for each building expansion joint. The Busway run must be positioned accordingly to accommodate the Expansion Section(s).

Busway Systems Overview

Busway Selector Chart (100-6500 Ampere)

General

I-T-E (then known as Bulldog Electric) was the first manufacturer to make a Busway System. Since its introduction in 1932, Busway Systems have improved and expanded into several designs to meet the ever

changing needs of the electrical industry. The Busway Selection Chart below will help you in selecting the proper product to fit your requirements.

Busway Selector Chart

100-6500 Ampere

600 Volts or Less

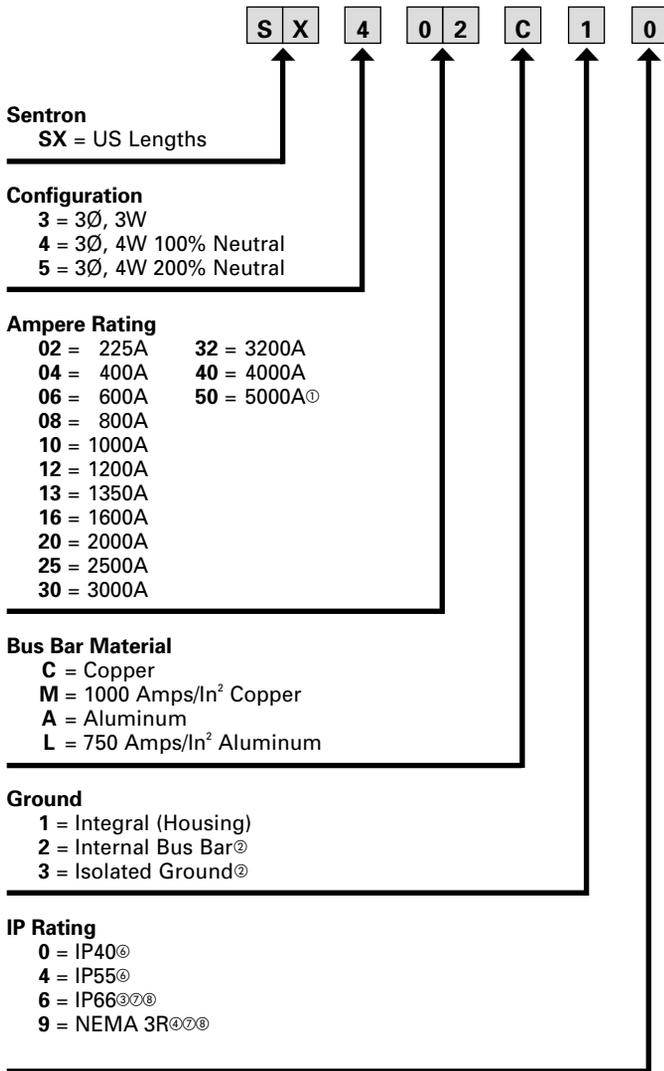
Feature		Product				
		Plug-in and Feeder Busway				
		Sentron Plug-in/Feeder	XL-U Plug-in/Feeder	XJ-L HD Plug-in	BD Plug-in	
Ampere Rating	100			✓		
	150					
	200					
	225	✓	✓	✓	✓	
	400	✓	✓	✓	✓	
	600	✓	✓		✓	
	800	✓	✓		✓	
	1000	✓	✓		✓	
	1200	✓	✓		✓	
	1350	✓	✓		✓	
	1600	✓	✓		✓	
	2000	✓	✓			
	2500	✓	✓			
	3000	✓	✓			
	3200	✓				
	4000	✓	✓			
	5000	✓	✓			
6000, 6500		✓				
Conductor	Copper	✓	✓	✓	✓	
	Aluminum	✓	✓		✓	
Use	Indoor	✓	✓	✓	✓	
	Outdoor	✓	✓			
AC Service 50-60 Hz 400Hz [Ⓢ]	2W					
	1Ø3W			✓		
	3Ø3W	✓	✓	✓	✓	
	3Ø4W FN	✓	✓	✓	✓	
	3Ø4W 200% N	✓		✓		
Voltage	600 volts or less	✓	✓	✓	✓	
	Ventilated		✓			
Construction	Non-Ventilated	✓	✓	✓	✓	
	UL 857	✓	✓	✓	✓	
Meets Electrical Standard	NEMA BU1	✓	✓	✓	✓	
	CSA/CUL C22.2 NO 27	✓	✓	✓	✓	
	ANCE NMX-J-148ANCE	✓	✓	✓	✓	
	IEC	60439-1, 60439-2	Ⓢ	Ⓢ	Ⓢ	Ⓢ
		60529	Ⓢ	Ⓢ	Ⓢ	Ⓢ

Ⓢ Meets most applicable provisions of this foreign standard.

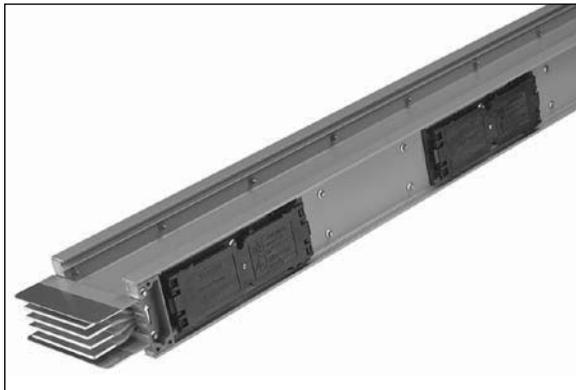
Ⓢ Consult factory for information.

Sentron® Busway Systems

Catalog Numbering System



- ① Copper only
 - ② Copper or aluminum ground bar
 - ③ IEC Markets
 - ④ NEMA Markets
 - ⑤ For odd degree angle (other than 90°) specify the degree angle of the turn.
 - ⑥ Indoor only (Plug-in and Feeder)
 - ⑦ Outdoor use (Feeder only)
 - ⑧ Elbow Stack (IP40 and IP55 only)
- Catalog Numbers for Hangers can be found on page 15-38.
• Specials must be ordered by description (drawing must be included). Contact factory for pricing.



Selection

Suffix part of Catalog Numbers

	P	L	O	6
Feeder			Length in Inches, ex.: 2'3" = 027 Feeder lengths available from 2'0" (024 Inches) up to 10'0" (120 inches)	
Plug-in	L	Length	04 = 4'0" 06 = 6'0" 08 = 8'0" 10 = 10'0"	
Riser	I	Length	04 = 4'0" 06 = 6'0" 08 = 8'0" 10 = 10'0"	
Elbows	S = Stack® L = 90° O = Odd degree angle ^⑤	Edge	Up Down	Flat Right Left
Tees	E	Edge	Up Down	Flat Right Left
Offsets	F	Edge	Up Down	Flat Right Left
Combinations	O	Edge Up Edge Down Edge Up Edge Down	Flat Left Flat Left Flat Right Flat Right	Edge Up Edge Down Edge Up Edge Down
EXpansion Fittings	P	F	T	
Center Cable Tap Boxes	T	B	Standard EXpanded	
End Cable Tap Boxes	T	Vertical Horizontal	Standard EXpanded	
End Closers	C	L	S	
FlanGe	Roof Wall	F	L	
Joint Stacks	Standard Isolation	S	T	
SerVice Heads	1 = 1-Phase 3 = 3-Phase T = Throat	Transformer Utility	H Florida Pwr/Light Houston Pwr/Light Commonwealth ED Pacific Gas/Electric Detroit Edison Other	
Reducers	Fused Non-fused	R	F N	
Flanged End	E = Int'l Standard R = U.S. Standard O = Other	N	D D	
Transposition	R	PG = Phase & Ground PO = Phase only GO = Ground only		

Sentron® Straight Section Busway

Copper (225-5000 Ampere) and Aluminum (225-4000 Ampere)

Selection

Copper (225 - 5000Ampere)

Base Catalog Number Guide									
Ampere	3-Pole	3-Pole Internal Ground	3-Pole Isolated Ground	4-Pole	4-Pole 200% Neutral	4-Pole Internal Ground	4-Pole 200% Neutral Internal Ground	4-Pole Isolated Ground	4-Pole 200% Neutral Isolated Ground
225	SX302C1	SX302C2	SX302C3	SX402C1	SX502C1	SX402C2	SX502C2	SX402C3	SX502C3
400	SX304C1	SX304C2	SX304C3	SX404C1	SX504C1	SX404C2	SX504C2	SX404C3	SX504C3
600	SX306C1	SX306C2	SX306C3	SX406C1	SX506C1	SX406C2	SX506C2	SX406C3	SX506C3
800	SX308C1	SX308C2	SX308C3	SX408C1	SX508C1	SX408C2	SX508C2	SX408C3	SX508C3
1000	SX310C1	SX310C2	SX310C3	SX410C1	SX510C1	SX410C2	SX510C2	SX410C3	SX510C3
1200	SX312C1	SX312C2	SX312C3	SX412C1	SX512C1	SX412C2	SX512C2	SX412C3	SX512C3
1350	SX313C1	SX313C2	SX313C3	SX413C1	SX513C1	SX413C2	SX513C2	SX413C3	SX513C3
1600	SX316C1	SX316C2	SX316C3	SX416C1	SX516C1	SX416C2	SX516C2	SX416C3	SX516C3
2000	SX320C1	SX320C2	SX320C3	SX420C1	SX520C1	SX420C2	SX520C2	SX420C3	SX520C3
2500	SX325C1	SX325C2	SX325C3	SX425C1	SX525C1	SX425C2	SX525C2	SX425C3	SX525C3
3000	SX330C1	SX330C2	SX330C3	SX430C1	SX530C1	SX430C2	SX530C2	SX430C3	SX530C3
3200	SX332C1	SX332C2	SX332C3	SX432C1	SX532C1	SX432C2	SX532C2	SX432C3	SX532C3
4000	SX340C1	SX340C2	SX340C3	SX440C1	SX540C1	SX440C2	SX540C2	SX440C3	SX540C3

Aluminum (225 - 4000Ampere)

Base Catalog Number Guide									
Ampere	3-Pole	3-Pole Internal Ground	3-Pole Isolated Ground	4-Pole	4-Pole 200% Neutral	4-Pole Internal Ground	4-Pole 200% Neutral Internal Ground	4-Pole Isolated Ground	4-Pole 200% Neutral Isolated Ground
225	SX302A1	SX302A2	SX302A3	SX402A1	SX502A1	SX402A2	SX502A2	SX402A3	SX502A3
400	SX304A1	SX304A2	SX304A3	SX404A1	SX504A1	SX404A2	SX504A2	SX404A3	SX504A3
600	SX306A1	SX306A2	SX306A3	SX406A1	SX506A1	SX406A2	SX506A2	SX406A3	SX506A3
800	SX308A1	SX308A2	SX308A3	SX408A1	SX508A1	SX408A2	SX508A2	SX408A3	SX508A3
1000	SX310A1	SX310A2	SX310A3	SX410A1	SX510A1	SX410A2	SX510A2	SX410A3	SX510A3
1200	SX312A1	SX312A2	SX312A3	SX412A1	SX512A1	SX412A2	SX512A2	SX412A3	SX512A3
1350	SX313A1	SX313A2	SX313A3	SX413A1	SX513A1	SX413A2	SX513A2	SX413A3	SX513A3
1600	SX316A1	SX316A2	SX316A3	SX416A1	SX516A1	SX416A2	SX516A2	SX416A3	SX516A3
2000	SX320A1	SX320A2	SX320A3	SX420A1	SX520A1	SX420A2	SX520A2	SX420A3	SX520A3
2500	SX325A1	SX325A2	SX325A3	SX425A1	SX525A1	SX425A2	SX525A2	SX425A3	SX525A3
3000	SX330A1	SX330A2	SX330A3	SX430A1	SX530A1	SX430A2	SX530A2	SX430A3	SX530A3
3200	SX332A1	SX332A2	SX332A3	SX432A1	SX532A1	SX432A2	SX532A2	SX432A3	SX532A3
4000	SX340A1	SX340A2	SX340A3	SX440A1	SX540A1	SX440A2	SX540A2	SX440A3	SX540A3

Suffix Numbers

Busway Type	Base Catalog Number Suffix		
	IP40	IP55	Nema 3R
Feeder	0F	4F	9F
Plug-in	0P	4P	—
Riser	0R	4R	—

Sentron® Busway Systems

Busway Accessories

Selection

The following table identifies the feeder footage that is included in busway fittings.

Ampere Rating	Elbow Stack	Elbow	Tee	Cross	Tap Box End	Tap Box Center	Flanged End Swbd. Conn.	XFMR Throat	Expansion Section	Reducer Fusible	Reducer Unfused
225–1350 Al 225–1600 Cu	1'	2'	3'	4'	1'	4'	1'	4'	4'	4'	4'
1600–3200 Al 2000–4000 Cu	2'	3'	5'	6'	1'	4'	1'	4'	4'	4'	4'
4000 Al 5000 Cu	3'	4'	6'	8'	1'	4'	1'	4'	4'	4'	4'

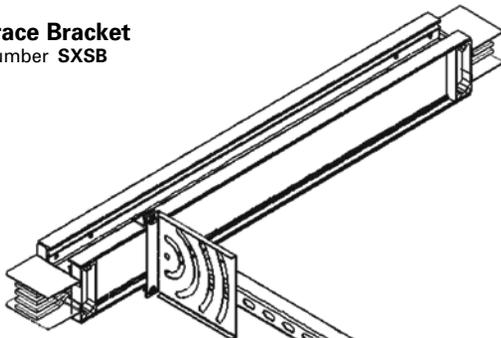
"M" Rating/Standard Rating Conversion Table

1000/A Square Inch "M" Rating	Standard 55°C Rating Sentron
225	600
400	800
600	1200
800	1350
1000	1600
1200	2000
1350	2000
1600	—
2000	2500
2500	4000
3000	4000
3200	4000
4000	5000

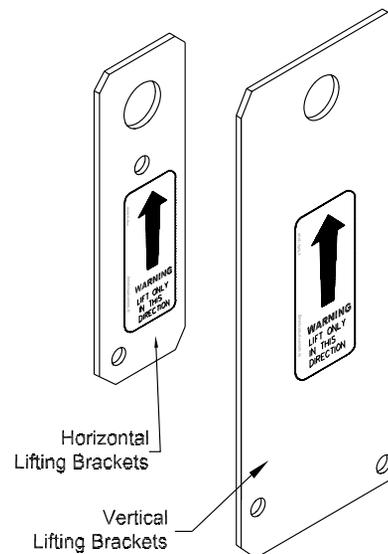
"L" Rating/Standard Rating Conversion Table

750/A Square Inch "L" Rating	Standard 55°C Rating Sentron
225	600
400	800
600	1000
800	1200
1000	1350
1200	1600
1350	2000
1600	2000
2000	2500
2500	3000
3000	4000
3200	4000

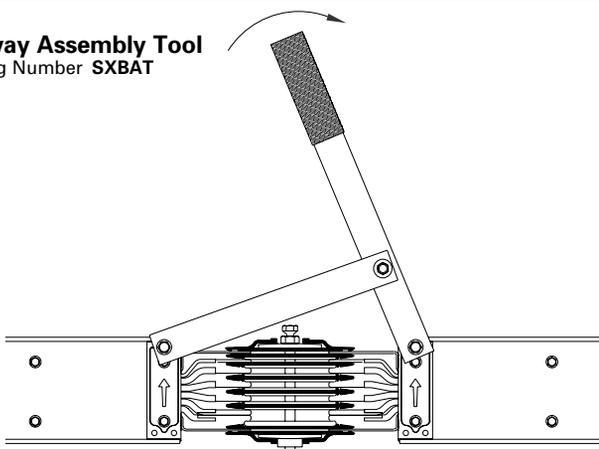
Sway Brace Bracket
Catalog Number **SXSB**



Lifting Kit
Catalog Number **SXLK**



Busway Assembly Tool
Catalog Number **SXBAT**



Sentron® Busway Systems

Fusible Cubicles, Molded Case Circuit Breaker Cubicles

Selection

Fusible Cubicles^{①③}

3-Pole, 600V/4-Pole, 480/277V

Ampere Ratings:
200
400
600
800
1200

Bolted Pressure Switches^③

3-Pole 480V, 4-Pole 480V,
3-Pole 600V or 4-Pole 600V

Ampere Ratings:
800
1200
1600
2000
2500
3000
4000

Power Circuit Breaker^{②③}

3-Pole or 3-Phase, 4-Wire

Breaker Frame Size	Maximum Ampere Rating	AC Interrupting Capacity Symmetrical (RMS) Amperes		
		240 Volt	480 Volt	600 Volt
RL-800	800	30,000	30,000	30,000
RL-1600	1600	50,000	50,000	50,000
RL-2000	2000	65,000	65,000	65,000
RL-3200	3200	65,000	65,000	65,000
RL-4000	4000	85,000	85,000	85,000

Type RL

RL-800	800	30,000	30,000	30,000
RL-1600	1600	50,000	50,000	50,000
RL-2000	2000	65,000	65,000	65,000
RL-3200	3200	65,000	65,000	65,000
RL-4000	4000	85,000	85,000	85,000

Type RL (Fused)

RLF-800	800	200,000	200,000	200,000
RLF-3200	3200	200,000	200,000	200,000
RLF-4000	4000	200,000	200,000	200,000

Solid State Molded Case Circuit Breaker Cubicles^③

3-Pole, 600V or 4-Pole 480/277V

Breaker Frame	Ampere Rating
SJD6 SJD6G SJD6NT SJD6NGT	200-400
SLD6 SLD6G SLD6NT SLD6NGT	300-600
SMD6A SMD6AG SMD6ANT SMD6ANGT	600-800
SND6A SND6AG SND6ANT SND6ANGT	800-1200
SPD6 SPD6G SPD6NT SPD6NGT	1400-1600

Molded Case Circuit Breaker Cubicles

3-Pole, 600V or 4-Pole 480/277V

Breaker Frame	Ampere Rating
JD6	200-400
LD6	300-600
MD6	600-800
ND6	800-1200
PD6	1400-1600
RD6	1800-2000

Current-Limiting

3-Phase, 600V AC or 120/280V AC,
277/480V AC

Breaker Type	Ampere Rating
CJD6	150-225 250-400
CLD6	450-600
CMD6	400-800 800 1000
CPD6	1200 1400 1600
CRD6	1800 2000

① Fuses not included.

② For electrically operated, specify control voltage.

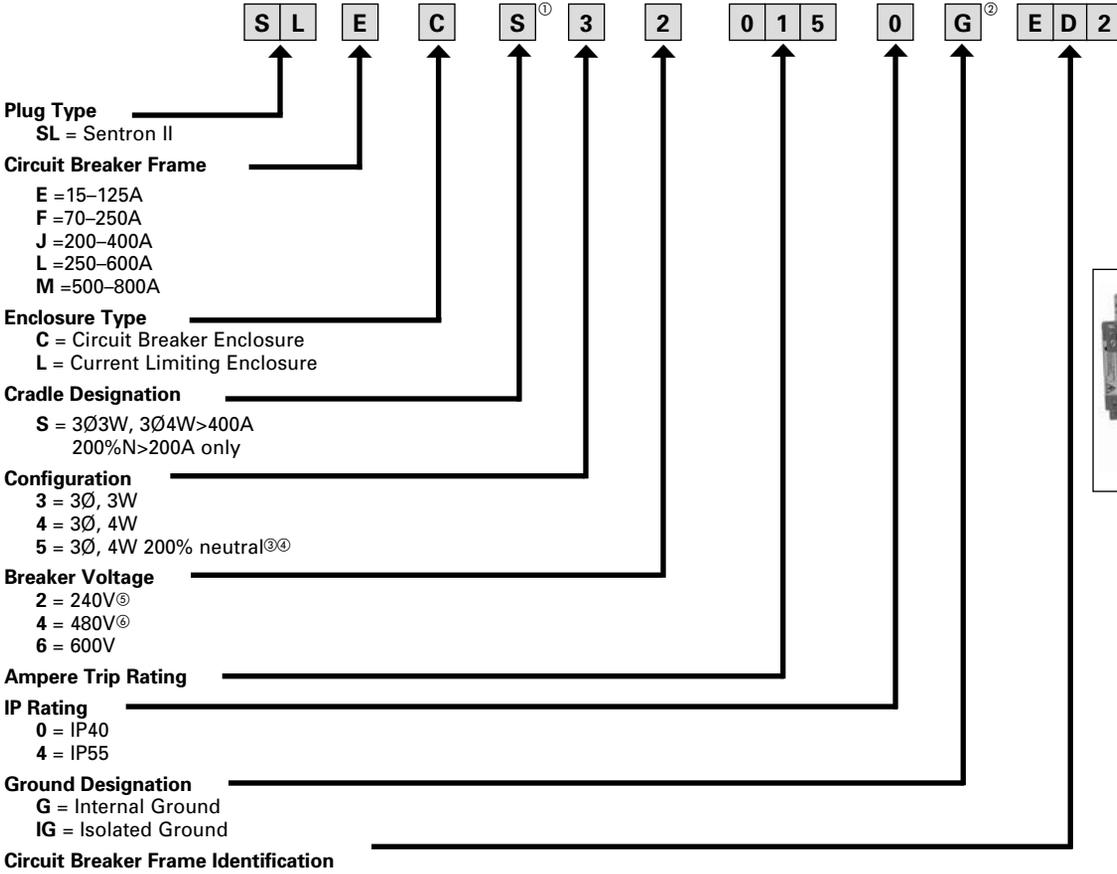
③ IP40 and IP55

Sentron® Bus Plugs

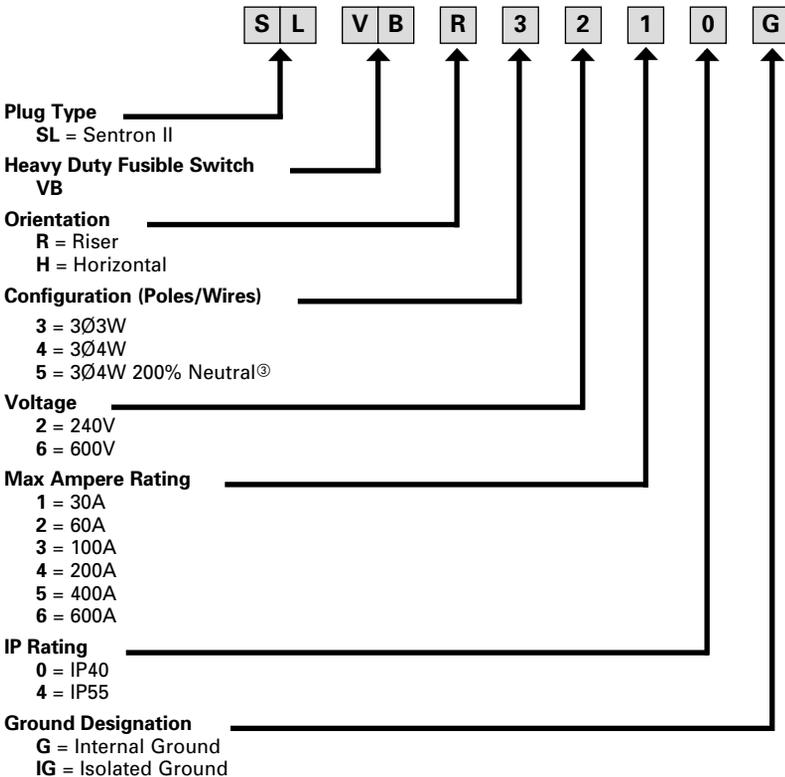
Catalog Numbering System

Selection / Application

Sentron Bus Plugs—Circuit Breaker (Installed)



Sentron SLVB Bus Plugs—Fusible



① The S digit is only used on 3- and 4-wire (100%N) plugs that are greater than 400A and 200%N plugs greater than 200A. Lower amperage plugs do not require this digit. (Ex. SLID3610, SLEC32060ED2)

② The G and IG digits are used to specify internal and isolated ground respectively. Integral (housing) ground plugs do not require this digit. (Ex. SLID3610, SLEC360150ED6)

③ Available through 400A only.

④ Available with E, F and J Frame breakers only.

⑤ Available with ED2 breakers only.

⑥ Available with ED4 and HHED6 breakers only.

Sentron® SLVB Bus Plugs

Bus Plugs / Fusible Plugs

Selection

Ampere Rating	Catalog Number
---------------	----------------

3-Pole, 250 Volt^①

30A	SLVB*3210 SLVB*3210G SLVB*3210IG
60A	SLVB*3220 SLVB*3220G SLVB*3220IG
100A	SLVB*3230 SLVB*3230G SLVB*3230IG
200A	SLVB*3240 SLVB*3240G SLVB*3240IG
400A ^②	SLVB*3250 SLVB*3250G SLVB*3250IG
600A ^②	SLVB*3260 SLVB*3260G SLVB*3260IG

Ampere Rating	Catalog Number
---------------	----------------

3-Pole, 600 Volt^①

30A	SLVB*3610 SLVB*3610G SLVB*3610IG
60A	SLVB*3620 SLVB*3620G SLVB*3620IG
100A	SLVB*3630 SLVB*3630G SLVB*3630IG
200A	SLVB*3640 SLVB*3640G SLVB*3640IG
400A ^②	SLVB*3650 SLVB*3650G SLVB*3650IG
600A ^②	SLVB*3660 SLVB*3660G SLVB*3660IG

Ampere Rating	Catalog Number	Catalog Number
---------------	----------------	----------------

4-Pole, 250 Volt,^①

200% Neutral^①

30A	SLVB*4210 SLVB*4210G SLVB*4210IG	SLVB*5210 SLVB*5210G SLVB*5210IG
60A	SLVB*4220 SLVB*4220G SLVB*4220IG	SLVB*5220 SLVB*5220G SLVB*5220IG
100A	SLVB*4230 SLVB*4230G SLVB*4230IG	SLVB*5230 SLVB*5230G SLVB*5230IG
200A	SLVB*4240 SLVB*4240G SLVB*4240IG	SLVB*5240 SLVB*5240G SLVB*5240IG
400A ^②	SLVB*4250 SLVB*4250G SLVB*4250IG	SLVB*5250 SLVB*5250G SLVB*5250IG
600A ^②	SLVB*4260 SLVB*4260G SLVB*4260IG	

Ampere Rating	Catalog Number	Catalog Number
---------------	----------------	----------------

4-Pole, 600 Volt,^①

200% Neutral^①

30A	SLVB*4610 SLVB*4610G SLVB*4610IG	SLVB*5610 SLVB*5610G SLVB*5610IG
60A	SLVB*4620 SLVB*4620G SLVB*4620IG	SLVB*5620 SLVB*5620G SLVB*5620IG
100A	SLVB*4630 SLVB*4630G SLVB*4630IG	SLVB*5630 SLVB*5630G SLVB*5630IG
200A	SLVB*4640 SLVB*4640G SLVB*4640IG	SLVB*5640 SLVB*5640G SLVB*5640IG
400A ^②	SLVB*4650 SLVB*4650G SLVB*4650IG	SLVB*5650 SLVB*5650G SLVB*5650IG
600A ^②	SLVB*4660 SLVB*4660G SLVB*4660IG	

Note: Replace * in catalog number with "H" for horizontal applications and "R" for riser applications.

Ground Detector And Potentializer Plug

Description	Catalog Number
For 2 or 3-pole 240 and 480 volt service. (IP40 construction only)	SLPGR3140G

Note: Available in IP40 construction only.

Description	Catalog Number
Spring Kit	SXSK

Note: Used on 400A and larger bus plugs that require auxiliary support and that are mounted on vertical/riser busway. Kit contains two springs (part number 32-9909-04). One kit required per bus plug.

Fuse Adapter Kits

Switch Rating	Std Fuse Class	Class R Catalog Number	Class T Catalog Number	Class J Catalog Number
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250V

30A	H, K	SLR2030		
60A	H, K	SLR2060		
100A	H, K	SLR2100	SLT2100	
200A	H, K	SLR2200	SLT2200	
400A ^②	H, K, J	SLR2400	SLT2400	
600A ^②	H, K, J	SLR2600	SLT2600	SLJ2600

600V

30A	H, K, J	SLR6030		
60A	H, K, J	SLR6060		
100A	H, K, J	SLR6100	SLT6100	
200A	H, K, J	SLR6200	SLT6200	
400A ^②	H, K, J	SLR6400	SLT6400	
600A ^②	H, K, J	SLR6600	SLT6600	SLJ6600

① All plugs shown are rated IP40; if IP55 rating is desired, substitute a "4" for "0" in position 8.

② 400A and larger bus plugs require auxiliary support. See also SXSK Spring Kit.

Sentron® Bus Plugs

Bus Plugs with Standard Circuit Breakers ①②③④

Selection

Ampere Rating	Catalog Number
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E Frame 3-Pole, 240 Volt, ED2 Breaker

15-60A	SLEC32***0ED2 SLEC32***0GED2 SLEC32***0IGED2
70-100A	SLEC32***0ED2 SLEC32***0GED2 SLEC32***0IGED2

E Frame 3-Pole, 480 Volt, ED4 Breaker

15-60A	SLEC34***0ED4 SLEC34***0GED4 SLEC34***0IGED4
70-100A	SLEC34***0ED4 SLEC34***0GED4 SLEC34***0IGED4
110-125A	SLEC34***0ED4 SLEC34***0GED4 SLEC34***0IGED4

E Frame 3-Pole, 600 Volt, ED6 Breaker

15-60A	SLEC36***0ED6 SLEC36***0GED6 SLEC36***0IGED6
70-100A	SLEC36***0ED6 SLEC36***0GED6 SLEC36***0IGED6
110-125A	SLEC36***0ED6 SLEC36***0GED6 SLEC36***0IGED6

F Frame 3-Pole, 600 Volt, FXD6 Breaker

70-225A	SLFC36***0FXD6 SLFC36***0GFXD6 SLFC36***0IGFXD6
250A	SLFC362500FXD6 SLFC362500GFXD6 SLFC362500IGFXD6

J Frame 3-Pole, 600 Volt, JXD6 Breaker

200-400A ^④	SLJC36***0JXD6 SLJC36***0GJXD6 SLJC36***0IGJXD6
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L Frame 3-Pole, 600 Volt, LXD6 Breaker

450-600A ^④	SL LCS36***0LXD6 SL LCS36***0GLXD6 SL LCS36***0IGLXD6
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M Frame 3-Pole, 600 Volt, MXD6 Breaker

500-800A ^④	SLMCS36***0MXD6 SLMCS36***0GMXD6 SLMCS36***0IGMXD6
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Ampere Rating	Catalog Number	Ampere Rating	Catalog Number
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E Frame 4-Pole, 240 Volt, ED2 Breaker

15-60A	SLEC42***0ED2 SLEC42***0GED2 SLEC42***0IGED2	15-60A	SLEC52***0ED2 SLEC52***0GED2 SLEC52***0IGED2
70-100A	SLEC42***0ED2 SLEC42***0GED2 SLEC42***0IGED2	70-100A	SLEC52***0ED2 SLEC52***0GED2 SLEC52***0IGED2

E Frame 4-Pole, 480 Volt, ED4 Breaker

15-60A	SLEC44***0ED4 SLEC44***0GED4 SLEC44***0IGED4	15-60A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4
70-100A	SLEC44***0ED4 SLEC44***0GED4 SLEC44***0IGED4	70-100A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4
110-125A	SLEC44***0ED4 SLEC44***0GED4 SLEC44***0IGED4	110-125A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4

E Frame 4-Pole, 600 Volt, ED6 Breaker

15-60A	SLEC46***0ED6 SLEC46***0GED6 SLEC46***0IGED6	15-60A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6
70-100A	SLEC46***0ED6 SLEC46***0GED6 SLEC46***0IGED6	70-100A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6
110-125A	SLEC46***0ED6 SLEC46***0GED6 SLEC46***0IGED6	110-125A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6

F Frame 4-Pole, 600 Volt, FXD6 Breaker

70-225A	SLFC46***0FXD6 SLFC46***0GFXD6 SLFC46***0IGFXD6	70-200A	SLFC56***0FXD6 SLFC56***0GFXD6 SLFC56***0IGFXD6
250A	SLFC462500FXD6 SLFC462500GFXD6 SLFC462500IGFXD6	225-250A	SLFC56***0FXD6 SLFC56***0GFXD6 SLFC56***0IGFXD6

J Frame 4-Pole, 600 Volt, JXD6 Breaker

200-400A ^④	SLJC46***0JXD6 SLJC46***0GJXD6 SLJC46***0IGJXD6	200A ^④	SLJCS562000JXD6 SLJCS562000GJXD6 SLJCS562000IGJXD6
		225-400A ^④	SLJCS56***0JXD6 SLJCS56***0GJXD6 SLJCS56***0IGJXD6

L Frame 4-Pole, 600 Volt, LXD6 Breaker

450-600A ^④	SL LCS46***0LXD6 SL LCS46***0GLXD6 SL LCS46***0IGLXD6
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M Frame 4-Pole, 600 Volt, MXD6 Breaker

500-800A ^④	SLMCS46***0MXD6 SLMCS46***0GMXD6 SLMCS46***0IGMXD6
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E Frame 200% Neutral

15-60A	SLEC52***0ED2 SLEC52***0GED2 SLEC52***0IGED2
70-100A	SLEC52***0ED2 SLEC52***0GED2 SLEC52***0IGED2

E Frame 200% Neutral

15-60A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4
70-100A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4
110-125A	SLEC54***0ED4 SLEC54***0GED4 SLEC54***0IGED4

E Frame 200% Neutral

15-60A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6
70-100A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6
110-125A	SLEC56***0ED6 SLEC56***0GED6 SLEC56***0IGED6

F Frame 200% Neutral

70-225A	SLFC56***0FXD6 SLFC56***0GFXD6 SLFC56***0IGFXD6
250A	SLFC562500FXD6 SLFC562500GFXD6 SLFC562500IGFXD6

J Frame 200% Neutral

200-400A ^④	SLJCS562000JXD6 SLJCS562000GJXD6 SLJCS562000IGJXD6
225-400A ^④	SLJCS56***0JXD6 SLJCS56***0GJXD6 SLJCS56***0IGJXD6

Description	Catalog Number
Spring Kit	SXSK

NOTE: Used on 400A and larger bus plugs that require auxiliary support and that are mounted on vertical/riser busway. Kit contains two springs (part number 32-9909-04). One kit required per bus plug.

① Replace "****" with breaker trip rating.
Example: SLEC36060ED6, for 60A trip.

② All plugs shown have an IP40 rating, if IP54/55 is desired substitute "4" for "0" in position 10 (or 11 for cradle plugs):

E Frame: Ex. SLEC360604ED6
F Frame: Ex. SLFC360704FXD6
J Frame: Ex. SLJC361004JXD6
L Frame: Ex. SL LCS365004LXD6
M Frame: Ex. SLMCS368004MXD6

③ For the following breaker charges, change the catalog number suffix:

15-60A: HHED6 Ex. SLEC36***0HHED6
70-100A: HHED6 Ex. SLEC36***0HHED6
110-125A: HHED6 Ex. SLEC36***0HHED6
F Frame: FD6 Ex. SLFC36***0FD6
F Frame: HFD6 Ex. SLFC36***0HFD6
J Frame: JD6 Ex. SLJC36***0JD6
J Frame: HJD6 Ex. SLJC36***0HJD6
L Frame: LD6 Ex. SL LCS36***0LD6
L Frame: HLD6 Ex. SL LCS36***0HLD6
M Frame: MD6 Ex. SLMCS36***0MD6
M Frame: HMD6 Ex. SLMCS36***0HMD6

④ 400A and larger bus plugs that require auxiliary support. See also SXSK Spring Kit.

Sentron® Bus Plugs

Bus Plugs with Current Limiting Circuit Breakers ①②

Selection

Ampere Rating	Catalog Number
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E Frame 3-Pole, 600 Volt, CED6 Breaker

15-60A	SLEL36***0CED6 SLEL36***0GCED6 SLEL36***0IGCED6
70-100A	SLEL36***0CED6 SLEL36***0GCED6 SLEL36***0IGCED6
110-125A	SLEL36***0CED6 SLEL36***0GCED6 SLEL36***0IGCED6

F Frame 3-Pole, 600 Volt, CFD6 Breaker

100-225A	SLFL36***0CFD6 SLFL36***0GCFD6 SLFL36***0IGCFD6
250A	SLFL362500CFD6 SLFL362500GCFD6 SLFL362500IGCFD6

J Frame 3-Pole, 600 Volt, CJD6 Breaker

200-400A ^③	SLJL36***0CJD6 SLJL36***0GCJD6 SLJL36***0IGJD6
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L Frame 3-Pole, 600 Volt, CLD6 Breaker

450-600A ^③	SLLS36***0CLD6 SLLS36***0GCLD6 SLLS36***0IGCLD6
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Ampere Rating	Catalog Number	Ampere Rating	Catalog Number
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E Frame 4-Pole, 600 Volt, CED6 Breaker

15-60A	SLEL46***0CED6 SLEL46***0GCED6 SLEL46***0IGCED6
70-100A	SLEL46***0CED6 SLEL46***0GCED6 SLEL46***0IGCED6
110-125A	SLEL46***0CED6 SLEL46***0GCED6 SLEL46***0IGCED6

F Frame 4-Pole, 600 Volt, CFD6 Breaker

100-225A	SLFL46***0CFD6 SLFL46***0GCFD6 SLFL46***0IGCFD6
250A	SLFL462500CFD6 SLFL462500GCFD6 SLFL462500IGCFD6

J Frame 4-Pole, 600 Volt, CJD6 Breaker

200-400A ^③	SLJL46***0CJD6 — SLJL46***0GCJD6 — SLJL46***0IGJD6 —
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L Frame 4-Pole, 600 Volt, CLD6 Breaker

450-600A ^③	SLLS46***0CLD6 SLLS46***0GCLD6 SLLS46***0IGCLD6
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E Frame 200% Neutral

15-60A	SLEL56***0CED6 SLEL56***0GCED6 SLEL56***0IGCED6
70-100A	SLEL56***0CED6 SLEL56***0GCED6 SLEL56***0IGCED6
110-125A	SLEL56***0CED6 SLEL56***0GCED6 SLEL56***0IGCED6

F Frame 200% Neutral

70-200A	SLFL56***0CFD6 SLFL56***0GCFD6 SLFL56***0IGCFD6
225-250A	SLFL56***0CFD6 SLFL56***0GCFD6 SLFL56***0IGCFD6

J Frame 200% Neutral

200A ^③	SLJL562000CJD6 SLJL562000GCJD6 SLJL562000IGJD6
225-400A ^③	SLJLS56***0CJD6 SLJLS56***0GCJD6 SLJLS56***0IGJD6

① Replace "****" with breaker trip rating.
Example: SLEC36060ED6, for 60A trip.

② All plugs shown have an IP40 rating, if IP54/55 is desired, substitute "4" for "0" in position 10 (or 11 for cradle plugs):

E Frame: Ex. SLEC36060ED6
F Frame: Ex. SLFC360704FXD6
J Frame: Ex. SLJC361004JXD6
L Frame: Ex. SLLCS365004LXD6
M Frame: Ex. SLMCS368004MXD6

③ 400A and larger bus plugs that require auxiliary support. See also SXSX Spring Kit.

Sentron® Bus Plugs

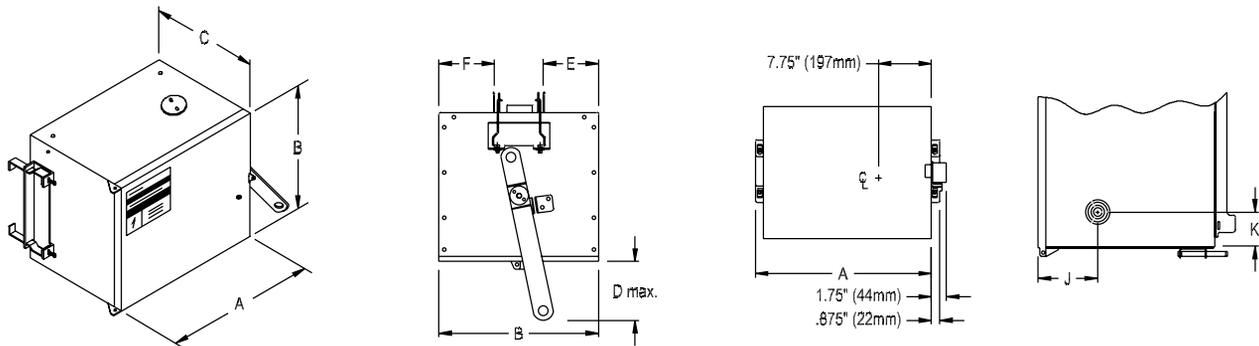
Circuit Breaker Bus Plugs Dimensions and Weights

Selection

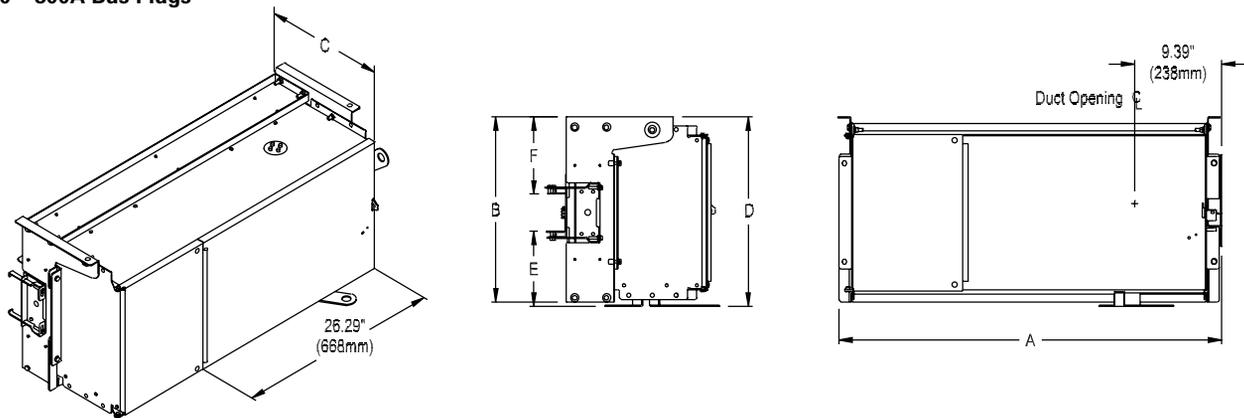
Circuit Breaker Bus Plugs, Dimensions and Weights (Enclosure only)

Ampere Rating	Dimensions Inches (mm)								Weight lbs (kg)
	"A"	"B"	"C"	"D" max.	"E"	"F"	"J"	"K"	
125	15.13 (384)	10.18 (259)	9.75 (248)	1.60 (41)	2.50 (64)	2.50 (64)	3.50 (89)	2.25 (57)	35 (15.87)
250	20.25 (514)	10.18 (259)	9.75 (248)	1.60 (41)	2.50 (64)	2.50 (64)	3.25 (83)	3.25 (83)	50 (22.68)
400	21.75 (552)	16.75 (425)	11.75 (298)	1.60 (41)	5.75 (146)	5.75 (146)	4.00 (102)	3.25 (83)	83 (37.64)
600	41.50 (1054)	19.75 (502)	15.75 (400)	2.31 (59)	7.00 (178)	7.75 (197)	—	—	130 (58.97)
800	41.50 (1054)	19.75 (502)	15.75 (400)	2.31 (59)	7.00 (178)	7.75 (197)	—	—	177 (80.29)

125 – 400A Bus Plugs



600 – 800A Bus Plugs



Circuit Breaker Bus Plugs, Load Lugs and Knockouts

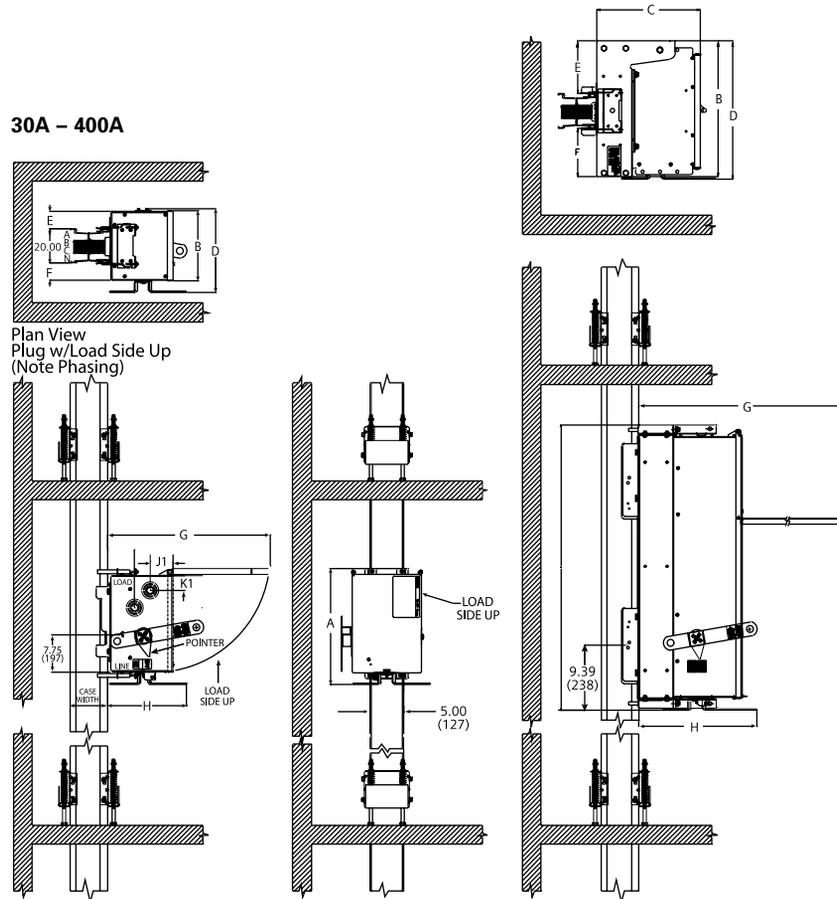
Frame Size	Ground Lug Cu/Al	Neutral Lug Cu/Al	Phase Lug Cu/Al	Knockout Sizes In. (mm)
E Frame	#14-2	#14-2	#14-1/0	7/8 (22), 1 1/8 (29), 1 3/8 (35), 1 3/4 (44), 2 (51), 2 1/2 (64)
F Frame	#14-2	#6-350 kcmil	#6-350 kcmil	2 (51), 2 1/2 (64), 3 (76), 3 5/8 (92), 4 1/8 (105)
J Frame	#14-2	(2) #4-500 kcmil	(2) 3/0-500 kcmil	7/8 (22), 1 1/8 (29), Pilot

Sentron® Bus Plugs

Wall Clearance and Circuit Breaker Bus Plug Dimensions

Selection

600A and 800A Cradle Mounted



Dim. Legend	Circuit Breaker Plugs No Cradle						Circuit Breaker Plugs w/Cradle			
	E Frame Current		F Frame [Ⓞ] Current		J Frame [Ⓞ] Current		L Frame Current		M Frame Current	
	Standard	Limiting	Standard	Limiting	Standard	Limiting	Standard	Limiting	Standard	Limiting
A	17.00 (432)	22.00 (559)	22.00 (559)	27.00 (686)	23.50 (597)	30.50 (775)	41.50 (1054)	41.50 (1054)	41.50 (1054)	41.50 (1054)
B	10.25 (260)	10.25 (260)	10.25 (260)	10.25 (260)	16.75 (425)	16.75 (425)	19.75 (502)	19.75 (502)	19.75 (502)	19.75 (502)
C	9.75 (248)	9.75 (248)	9.75 (248)	9.75 (248)	11.75 (298)	11.75 (298)	15.75 (400)	15.75 (400)	15.75 (400)	15.75 (400)
D	12.25 (311)	12.25 (311)	12.25 (311)	12.25 (311)	18.75 (476)	18.75 (476)	20.25 (514)	20.25 (514)	20.25 (514)	20.25 (514)
E	2.50 (64)	2.50 (64)	2.50 (64)	2.50 (64)	5.75 (146)	5.75 (146)	7.75 (197) [Ⓞ]	7.75 (197)	7.75 (197)	7.75 (197)
F	2.50 (64)	2.50 (64)	2.50 (64)	2.50 (64)	5.75 (146)	5.75 (146)	7.00 (178)	7.00 (178)	7.00 (178)	7.00 (178)
G	24.00 (610)	29.00 (737)	29.00 (737)	29.00 (737)	32.50 (826)	39.50 (1003)	41.50 (1054)	41.50 (1054)	41.50 (1054)	41.50 (1054)
H	11.25 (286)	11.25 (286)	11.25 (286)	11.25 (286)	13.50 (343)	13.50 (343)	18.00 (457)	18.00 (457)	18.00 (457)	18.00 (457)
J1	3.50 (89)	3.50 (89)	3.25 (83)	3.25 (83)	4.00 (102)	4.00 (102)	—	—	—	—
K1	2.25 (57)	2.25 (57)	3.25 (83)	3.25 (83)	3.25 (83)	3.25 (83)	—	—	—	—

Legend:

- A = Length of enclosure including handle
- B = Height of enclosure
- C = Depth of enclosure
- D = Height of enclosure including optional handle location
- E = Extension of plug above top of busway
- F = Extension of plug below bottom of busway
- G = Cover (depth) clearance for enclosure
- H = Depth of enclosure from handle to edge of busway
- J = Knockout/ pilot hole location (horizontal)
- K = Knockout/ pilot hole location (vertical)

Ⓞ 200%N Applications

- for F-Frame Rated <200A use L-Frame Dims.
- for J-Frame Rated <400A use L-Frame Dims.
- for 400A Fusible switch use 600A Switch Dims.

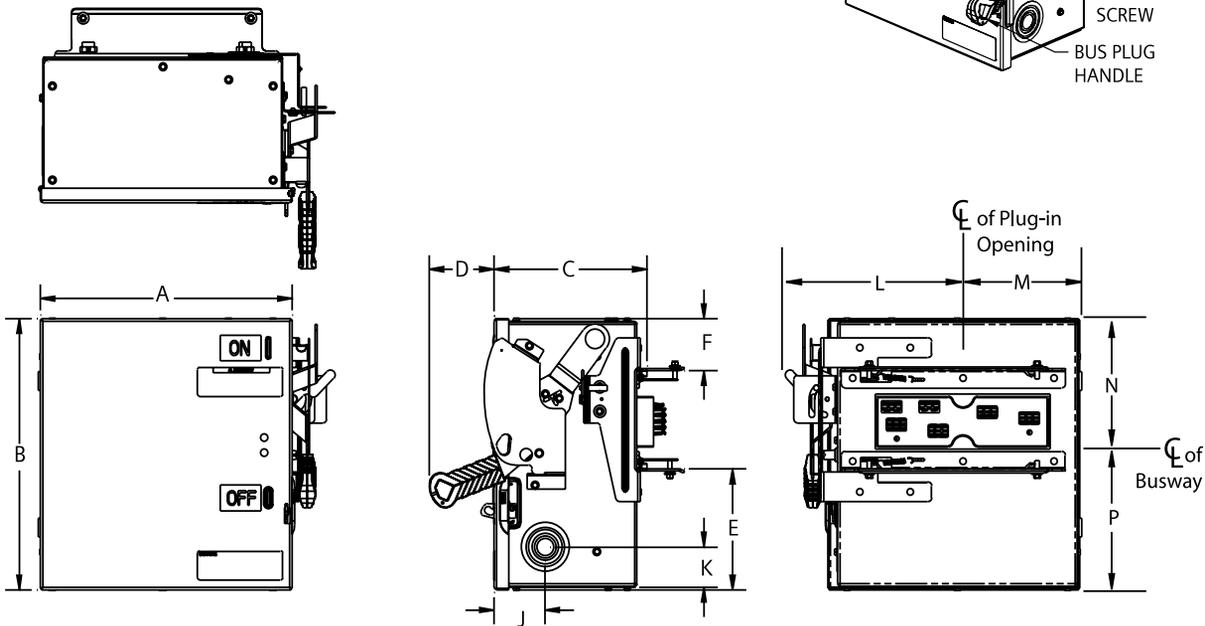
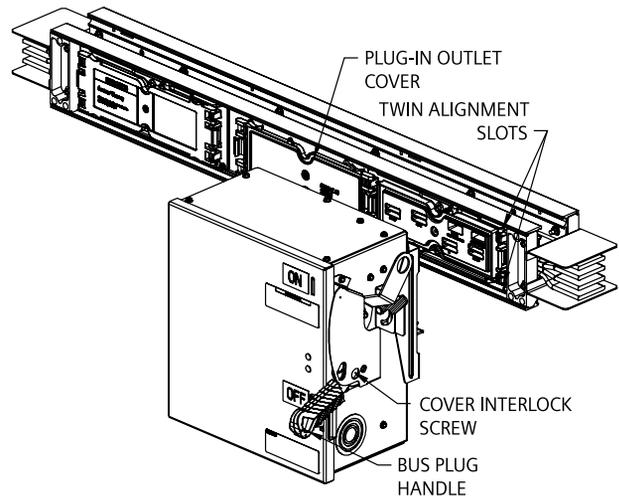
Sentron® Bus Plugs

Fusible Bus Plugs Dimensions and Weights

Selection

Horizontal Fusible Bus Plug Dimensions and Weights (Enclosure Only)

Ampere Rating	Dimensions Inches (mm)												Weight lbs (kg)
	"A"	"B"	"C"	"D max."	"E"	"F"	"J"	"K"	"L"	"M"	"N"	"P"	
30	13.13 (333)	13.86 (352)	7.96 (202)	2.60 (66)	6.18 (156)	2.66 (67)	2.65 (67)	2.06 (52)	9.81 (249)	6.22 (157)	5.30 (134)	8.63 (219)	23.5 (10.66)
60	13.13 (333)	14.86 (377)	7.96 (202)	2.60 (66)	7.18 (182)	2.66 (67)	2.65 (67)	2.06 (52)	9.81 (249)	6.22 (157)	5.30 (134)	9.63 (244)	25.5 (11.56)
100	13.13 (333)	15.86 (402)	7.96 (202)	2.60 (66)	8.18 (207)	2.66 (67)	2.65 (67)	2.06 (52)	9.81 (249)	6.22 (157)	5.30 (134)	10.53 (267)	28.0 (12.70)
200	14.88 (377)	22.86 (580)	10.58 (268)	2.60 (66)	15.88 (403)	2.66 (67)	3.40 (86)	3.06 (78)	9.81 (249)	7.95 (201)	5.30 (134)	17.62 (447)	49.0 (22.22)
400	18.63 (473)	25.36 (644)	15.67 (398)	5.50 (140)	12.67 (322)	7.67 (195)	12.15 (309)	3.06 (78)	11.80 (299)	9.43 (239)	11.90 (302)	15.15 (384)	100.0 (254)
600	18.63 (473)	25.36 (644)	15.67 (398)	5.50 (140)	12.67 (322)	7.67 (195)	12.15 (309)	3.06 (78)	11.80 (299)	9.43 (239)	11.90 (302)	15.15 (384)	100.0 (254)



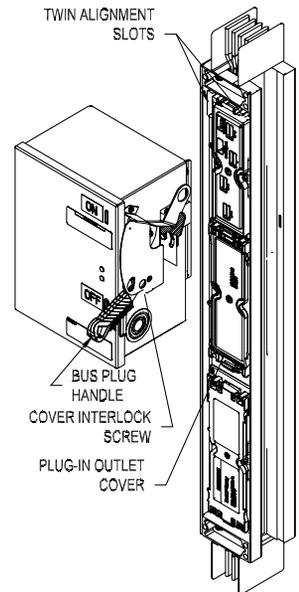
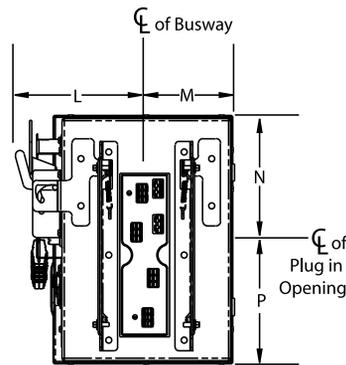
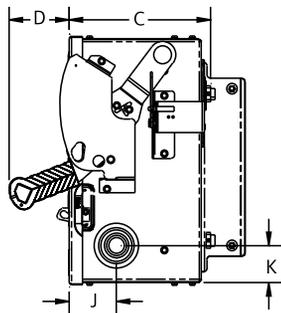
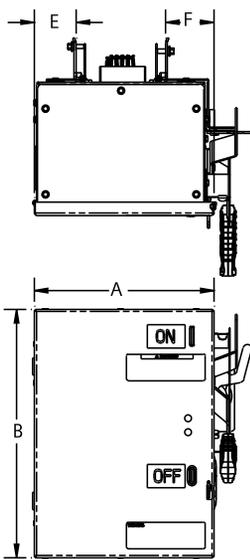
Sentron® Bus Plugs

Fusible Bus Plugs Dimensions and Weights

Selection

Riser Fusible Bus Plug Dimensions and Weights (Enclosure Only)

Ampere Rating	Dimensions Inches (mm)												Weight lbs (kg)
	"A"	"B"	"C"	"D max."	"E"	"F"	"J"	"K"	"L"	"M"	"N"	"P"	
30	10.13 (257)	13.86 (352)	7.96 (202)	5.25 (133)	2.74 (69)	2.36 (59)	2.65 (67)	2.06 (52)	8.06 (204)	5.08 (129)	7.83 (198)	6.09 (154)	23.5 (10.66)
60	10.13 (257)	14.86 (377)	7.96 (202)	5.25 (133)	2.74 (69)	2.36 (59)	2.65 (67)	2.06 (52)	8.06 (204)	2.08 (52)	7.83 (198)	7.09 (180)	25.5 (11.56)
100	11.13 (282)	15.86 (402)	7.96 (202)	5.25 (133)	7.74 (196)	3.36 (85)	2.65 (67)	2.06 (52)	8.06 (204)	6.08 (154)	7.83 (198)	8.09 (205)	28.0 (12.70)
200	14.88 (377)	22.86 (580)	10.58 (268)	5.90 (149)	5.11 (129)	4.74 (120)	3.40 (86)	3.06 (78)	10.42 (264)	7.35 (186)	9.08 (230)	13.84 (351)	49.0 (22.22)
400	18.63 (473)	25.36 (644)	15.67 (398)	5.50 (140)	6.60 (167)	7.10 (180)	12.15 (309)	3.06 (78)	11.97 (304)	9.25 (234)	13.56 (344)	13.49 (342)	100.0 (2540)
600	18.63 (473)	25.36 (644)	15.67 (398)	5.50 (140)	6.60 (167)	7.10 (180)	12.15 (309)	3.06 (78)	11.97 (304)	9.25 (234)	13.56 (344)	13.49 (342)	100.0 (2540)



Fusible Switch Plug, Load Lugs, and Knockouts

Ampere Rating	Ground Lug Cu/Al	Neutral Lug Cu/Al	Phase Lug Cu/Al	Knockout Sizes Inches (mm)
30	#14-1/0	#14-2	#14-2	7/8 (22), 1 1/8 (29), 1 3/8 (35), 1 3/4 (44), 2 (51), 2 1/2 (64)
60	#14-1/0	#14-1/0	#14-2	7/8 (22), 1 1/8 (29), 1 3/8 (35), 1 3/4 (44), 2 (51), 2 1/2 (64)
100	#14-1/0	#14-1/0	#14-1/0	7/8 (22), 1 1/8 (29), 1 3/8 (35), 1 3/4 (44), 2 (51), 2 1/2 (64)
200	#14-1/0	#6-300MCM	#6-300MCM	1 3/8 (35), 1 3/4 (44), 2 (51), 2 1/2 (64), 3 (76)
400	#6-350MCM	(2) 1/0-250MCM or (1) 1/0-750MCM	(2) 1/0-250MCM or (1) 1/0-750MCM	7/8 (22), 1 1/8 (29)
600	#6-350MCM	(4) 1/0-250MCM or (2) 1/0-750MCM	(4) 1/0-250MCM or (2) 1/0-750MCM	7/8 (22), 1 1/8 (29)

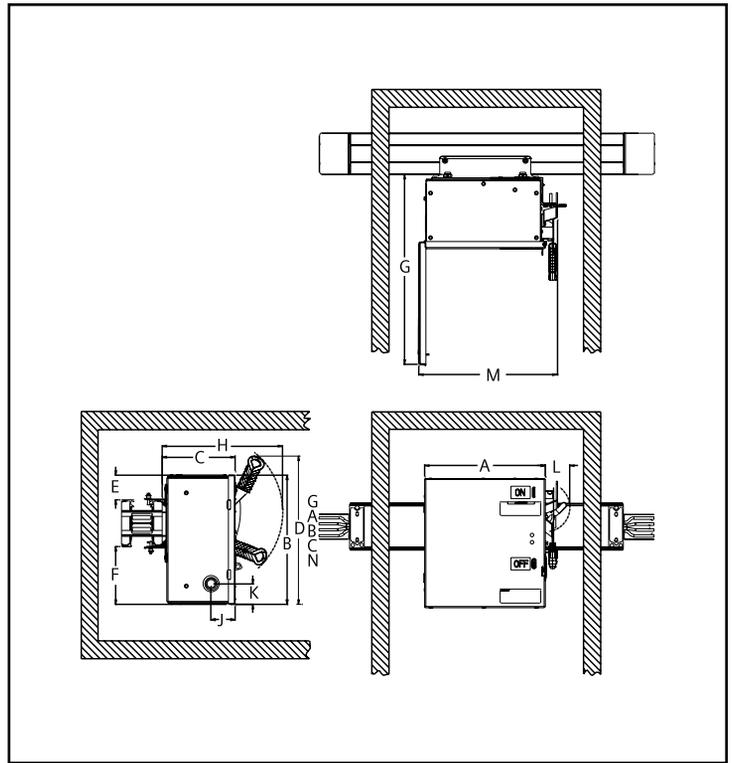
Sentron® Bus Plugs

Wall Clearance and Fusible Bus Plug Dimensions

Dimensions

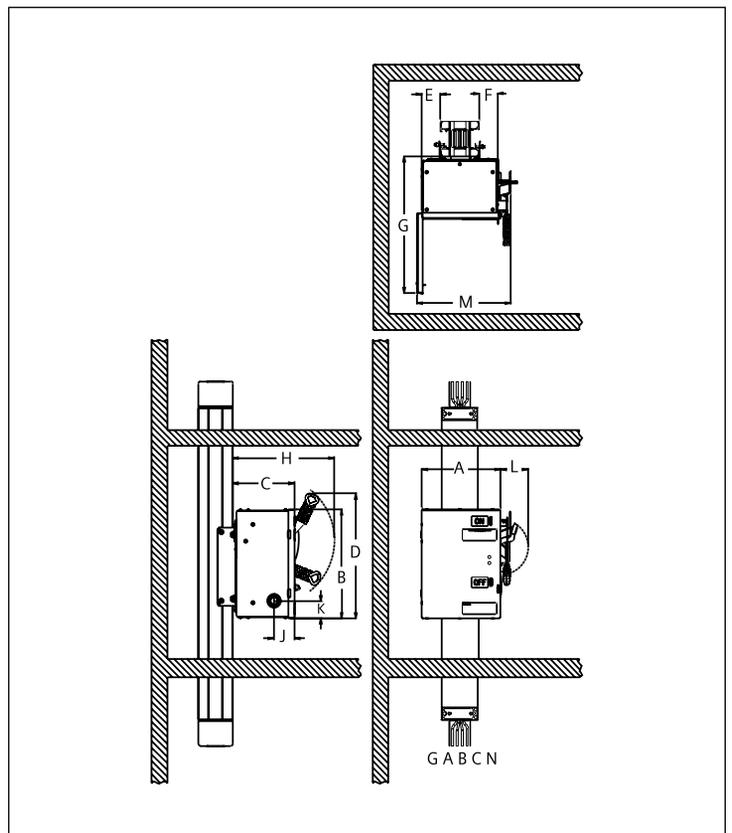
Wall Clearance and Bus Plug Dimensions Horizontal (Inches/mm)

Dim.	No Cradle					
	30	60	100	200	400	600
A	13.13 (333)	13.13 (333)	13.13 (333)	14.88 (377)	18.63 (473)	18.63 (473)
B	13.86 (352)	14.86 (377)	15.86 (402)	22.86 (580)	27.00 (686)	27.00 (686)
C	7.96 (202)	7.96 (202)	7.96 (202)	10.58 (268)	15.67 (398)	15.67 (398)
D	15.89 (403)	16.68 (423)	17.68 (449)	24.66 (626)	20.00 (508)	20.00 (508)
E	6.19 (157)	7.19 (182)	8.19 (208)	15.19 (385)	12.67 (322)	12.67 (322)
F	2.67 (67)	2.67 (67)	2.67 (67)	2.67 (67)	7.67 (195)	7.67 (195)
G	20.39 (517)	20.39 (517)	20.39 (517)	24.76 (628)	33.75 (857)	33.75 (857)
H	13.09 (332)	13.09 (332)	13.09 (332)	16.55 (420)	21.17 (538)	21.17 (538)
J	2.65 (67)	2.65 (67)	2.65 (67)	3.40 (86)	12.15 (309)	12.15 (309)
K	2.06 (52)	2.06 (52)	2.06 (52)	3.06 (78)	3.06 (78)	3.06 (78)
L	2.65 (67)	2.65 (67)	2.65 (67)	2.65 (67)	2.65 (67)	2.65 (67)
M	15.07 (382)	15.07 (382)	15.07 (382)	16.82 (427)	21.00 (533)	21.00 (533)



Wall Clearance and Bus Plug Dimensions Riser (Inches/mm)

Dim.	No Cradle					
	30	60	100	200	400	600
A	10.13 (237)	10.13 (257)	11.13 (282)	14.68 (372)	18.63 (473)	18.63 (473)
B	13.86 (352)	14.86 (377)	15.86 (402)	22.86 (580)	27.00 (686)	27.00 (686)
C	7.96 (202)	7.96 (202)	7.96 (202)	10.58 (268)	15.67 (398)	15.67 (398)
D	15.89 (403)	16.68 (423)	17.68 (449)	24.66 (626)	20.00 (508)	20.00 (508)
E	2.74 (69)	2.74 (69)	7.74 (196)	5.11 (129)	6.60 (167)	6.60 (167)
F	2.36 (59)	2.36 (59)	3.36 (85)	4.74 (120)	7.10 (180)	7.10 (180)
G	17.39 (441)	17.39 (441)	18.39 (467)	24.76 (628)	33.75 (857)	33.75 (857)
H	13.09 (332)	13.09 (332)	13.09 (332)	16.55 (420)	21.17 (538)	21.17 (538)
J	2.65 (67)	2.65 (67)	2.65 (67)	3.40 (86)	12.15 (309)	12.15 (309)
K	2.06 (52)	2.06 (52)	2.06 (52)	3.06 (78)	3.06 (78)	3.06 (78)
L	3.55 (90)	3.55 (90)	3.55 (90)	3.55 (90)	2.65 (67)	2.65 (67)
M	12.07 (306)	12.07 (306)	13.07 (331)	16.82 (427)	21.00 (533)	21.00 (533)



Sentron® Bus Plugs **NEW**

Sentron SPD Bus Plugs

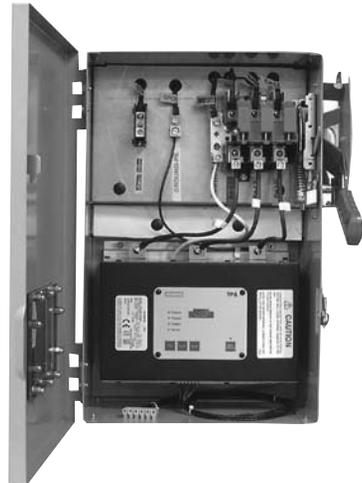
Technical

The Siemens advantage...

Siemens history of innovation and safety continues with our line of UL 1449 3rd Edition SPD's. The TPS Series utilizes thermally protected MOV's specifically designed for safe operation in high fault current or sustained overvoltage conditions that can cause other SPD's to fail in an unsafe manner and damage other equipment in the distribution system. Every MOV, including N-G, is monitored. Indicator lights for each phase provide indication of loss of protection and phase loss protection. The direct bus, integral design reduces circuit impedance resulting in the lowest possible let-through voltages providing maximum protection to facility equipment and systems.

All TPS Series SPD's:

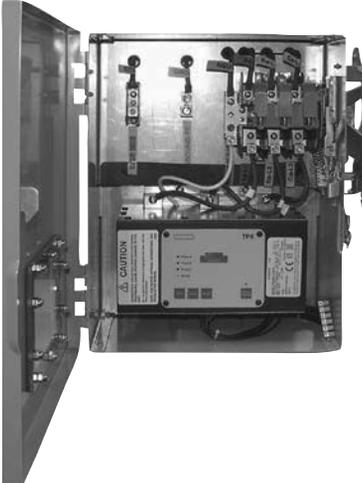
- UL 1449 3rd Edition Listed, CUL, CE Mark
- Designed, tested, manufactured to ANSI/IEEE C62.42.1 – 2002, C62.41.2 – 2002, C62.45 – 2002
- Provide indication of loss of protection on each phase and phase loss
- Include all UL-required over current protection and safety coordination inside
- Prevent internally generated surges from propagating throughout a facility and externally generated surges from reaching sensitive loads



A photograph of a Sentron TPS6 SPD unit with its door open, showing internal components including three phase MOVs, indicator lights, and a surge counter.

High Exposure Applications - TPS6

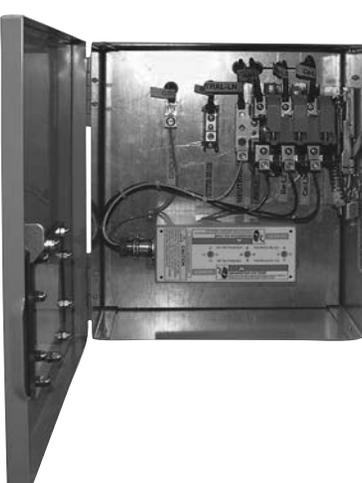
- 400kA – 500kA per phase
- 200kA SCCR
- 20kA nominal discharge current
- Indicator lights, audible alarm and dry contacts standard
- Individually fused, thermally protected MOV's
- EMI/RFI filtering
- Surge counter optional



A photograph of a Sentron TPS1 SPD unit with its door open, showing internal components including three phase MOVs, indicator lights, and a surge counter.

Medium Exposure Applications - TPS1

- 100kA – 300kA per phase
- 200kA SCCR
- 20kA nominal discharge current
- Indicator lights, audible alarm and dry contacts standard
- Individually fused, thermally protected MOV's
- EMI/RFI filtering
- Surge counter optional



A photograph of a Sentron TPS9 SPD unit with its door open, showing internal components including three phase MOVs, indicator lights, and a surge counter.

Low Exposure Applications - TPS9

- 100kA per phase
- 200kA SCCR
- 20kA nominal discharge current
- Indicator lights standard
- Individually fused, thermally protected MOV's
- Dry contacts and audible alarm optional

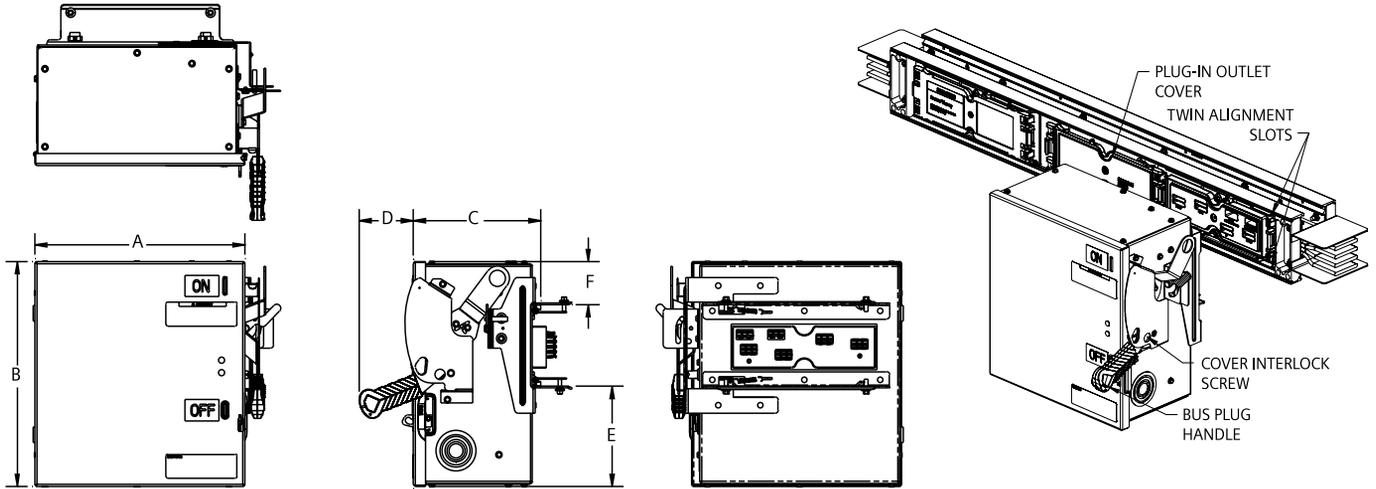
Sentron® Bus Plugs

Sentron SPD Bus Plugs

Technical

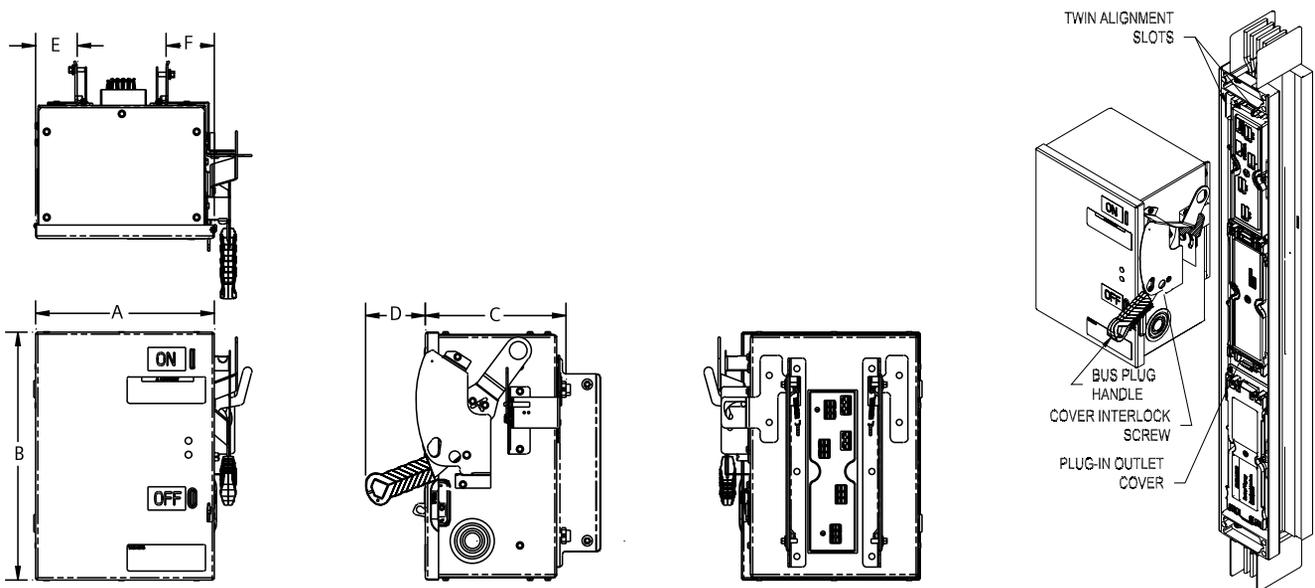
Horizontal SPD bus plugs dimensions and weights

Plug type	Dimensions inches (mm)						Weight lbs. (kgs)
	"A"	"B"	"C"	"D" max.	"E"	"F"	
TPS 9	13.25 (336)	13.86 (352)	7.96 (202)	2.60 (66)	6.18 (156)	2.66 (67)	30 (13.63)
TPS 1	13.25 (336)	15.86 (402)	7.96 (202)	2.60 (66)	8.18 (207)	2.66 (67)	35 (15.90)
TPS 6	13.25 (336)	19.86 (504)	7.96 (202)	2.60 (66)	12.18 (372)	2.66 (67)	38 (17.27)



Riser SPD bus plugs dimensions and weights

Plug type	Dimensions inches (mm)						Weight lbs. (kgs)
	"A"	"B"	"C"	"D" max.	"E"	"F"	
TPS 9	10.25 (260)	13.86 (352)	7.96 (202)	5.25 (133)	2.74 (69)	2.36 (59)	25 (11.36)
TPS 1	11.25 (286)	19.36 (492)	7.96 (202)	5.25 (133)	7.74 (196)	3.36 (85)	35 (15.90)
TPS 6	15.00 (381)	22.86 (580)	10.58 (268)	5.25 (133)	5.11 (129)	4.74 (120)	45 (20.45)

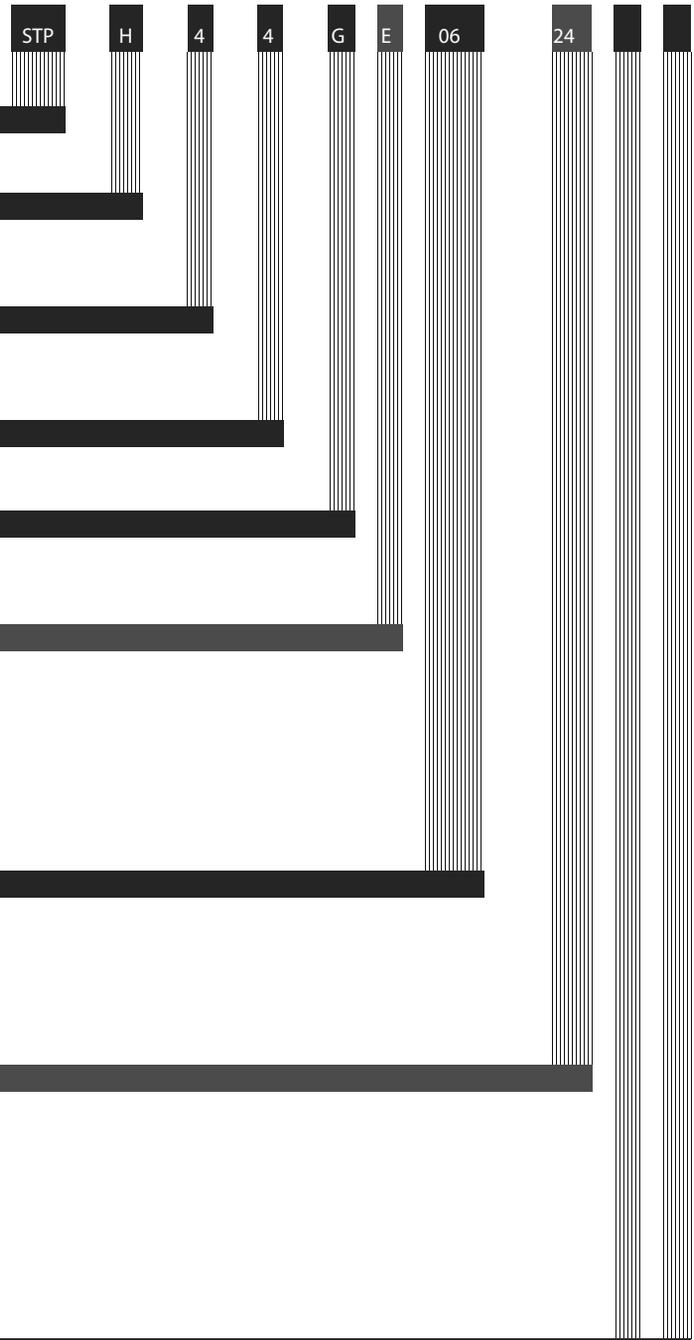


Sentron® Bus Plugs

Sentron SPD Bus Plugs

Catalog Number Logic

SENTRON SPD Bus Plug Numbering System



Plug Type

STP = Sentron SPD VBII

Orientation

H = Horizontal
R = Riser

Configuration (Poles/Wires)

3 = 3Ø 3W
4 = 3Ø 4W

IP Rating

4 = IP55

Ground Designation

G = Internal Ground (Isolated ground available as custom)

Voltage Code

A = 120/240V 1Ø 3W
B = 240/120V 3Ø 4W
D = 240V 3Ø 3W
E = 480Y/277V 3Ø 4W
F = 480V 3Ø 3W
G = 600V 3Ø 3W ①
L = 600Y/347V 3Ø 4W

TPS Model Number

01 = TPS 1 ④
1L = TPS1L (10 Mode) ② ④
06 = TPS 6 ④
6L = TPS6L (10 Mode) ② ④
09 = TPS 9 ③

Surge Current (kA)

10 = 100kA per Phase	TPS1, TPS9
15 = 150kA per Phase	TPS1L
20 = 200kA per Phase	TPS1
25 = 250kA per phase	TPS1
30 = 300kA per Phase	TPS1, TPS1L
40 = 400kA per Phase	TPS6
45 = 450kA per Phase	TPS6L
50 = 500kA per Phase	TPS6

Options

TPS1 and TPS6:
R = Remote Monitor
X = Surge Counter
TPS 9:
D = Dry Contact & Audible Alarm

Notes:

- ① Available in 100kA & 150kA for TPS1 and 100kA, 150kA, 200kA & 250kA for TPS6.
- ② The 10 mode devices provide additional circuit protection for Line to Neutral and Neutral to Ground. The 10 modes of protection are: L1-G, L2-G, L3-G, L1-L2, L2-L3, L1-L3, L1-N, L2-N, L3-N, N-G.
- ③ Standard features: indicator lights.
- ④ Standard features: indicator lights, dry contacts, audible alarm with silence switch, test button.