

Plugs

Table 33.1
Spectra Bus Plugs with Tranquell TVSS Protection with Ground Fault

Nominal Voltage (Volts, RMS)	Configuration	65kA	80kA	100kA	Max. Cont. Overvoltage Capability (MCOV%)
120/240	1 Phase, 3 Wire + Ground	TPME120S06WC	TPME120S08WC	TPME120S10WC	125%
120Y/208	3 Phase, 4 Wire + Ground	TPME120Y06WC	TPME120Y08WC	TPME120Y10WC	125%
240 Delta	3 Phase, 4 Wire + Ground	TPME240D06WC	TPME240D08WC	TPME240D10WC	115%
120/240 Delta HL	3 Phase, 4 Wire + Ground	TPME240H06WC	TPME240H08WC	TPME240H10WC	115%
240Y/415	3 Phase, 4 Wire + Ground	TPME240Y06WC	TPME240Y08WC	TPME240Y10WC	130%
277Y/480	3 Phase, 4 Wire + Ground	TPME277Y06WC	TPME277Y08WC	TPME277Y10WC	115%
220Y/380	3 Phase, 4 Wire + Ground	TPME220Y06WC	TPME220Y08WC	TPME220Y10WC	145%
480 Delta	3 Phase, 4 Wire + Ground	TPME480D06WC	TPME480D08WC	TPME480D10WC	170%
347Y/600	3 Phase, 4 Wire + Ground	TPME347Y06WC	TPME347Y08WC	TPME347Y10WC	115%
600 Delta	3 Phase, 3 Wire + Ground	TME600D065WC	TME600D080WC	TME600D100WC	170%

Table 33.2
Spectra RMS™ Circuit Breaker Bus Plugs (Outer Dimensions)

Tier	Frame	Dimensions						Handle Height ^①		Weight (lbs.)	Plug-in Outlets	Figure
		W		L		D		Inches	MM			
		Inches	MM	Inches	MM	Inches	MM					
Lowest	SED	11.00	279	13.00	330	8.00	203	9.12	232	25	1	33.2
	SEH	11.00	279	13.00	330	8.00	203	9.12	232	25	1	33.2
Low	SFH	11.00	279	21.25	540	9.00	229	9.50	241	41	1	33.2
	SGH	16.75	425	26.50	673	12.00	305	9.5	241	91	2	33.3
	SKH ^②	16.75	425	36.50	927	12.00	305	18	457	160	2	33.3
Mid	SEL	11.00	279	13.00	330	8.00	203	9.12	237	25	1	33.2
	SFL	11.00	279	21.25	540	9.00	229	9.5	241	41	1	33.2
	SGL	16.75	425	26.50	673	12.00	305	18	457	91	1	33.3
Peak	SKL ^②	16.75	425	36.50	927	12.00	305	18	457	160	2	33.3
	SEP	11.00	279	13.00	330	8.00	203	9.12	232	25	1	33.2
	SFP	11.00	279	21.25	540	9.00	229	9.5	241	41	1	33.2
Peak	SGP	16.75	425	26.50	673	12.00	305	18	457	91	1	33.3
	SKP ^②	16.75	425	36.50	927	12.00	305	18	457	160	2	33.3

① Maximum distance from enclosure bottom to handle tip.
② For ground fault option, increase width by 2.125 inches and length by 6.00 inches.

Table 33.3
Molded Case Circuit Breakers

Type	Frame	Dimensions						Figure
		W		L		D		
		Inches	MM	Inches	MM	Inches	MM	
Standard and Hi-Break [®]	TEB, TED, THED	11.00	279	13.00	330	8.00	203	33.2
	TFJ, TFK, THFK	11.00	279	18.50	470	9.50	241	33.2
	TJJ, TJK4, TJK6, THJK4, THJK6	16.75	425	24.50	622	12.00	305	33.3
	TKM8, THKM8, THK	16.75	425	36.50	927	12.00	305	33.3
Fused Current Limiting	TB1	11.00	279	18.50	470	8.00	203	33.2
	TB4	16.75	425	30.50	775	12.00	305	33.3
	TB6, TB8			45.25	1149			

Table 33.4
Fusible Switches

Type	Amps	Weight (lbs.)	Voltage Rating	Dimensions						Figure					
				W		Length					D				
				Inches	MM	Standard Gutter		Extender			Inches	MM			
QMR	30	24	240, 380, 415, 480, 600	11.25	286	13.00	330	18.63	473	8.75	222	33.2			
	60	25						NA	NA						
	100	28						NA	NA						
	200	46				18.75	476	24.50	622				18.75	476	33.3
	400	135						NA	NA						
	600	160						24.50	622						

NA = Not Available



Vertical riser bus with plug installed

Fig. 33.1
Typical vertical application with Spectra Series riser busway

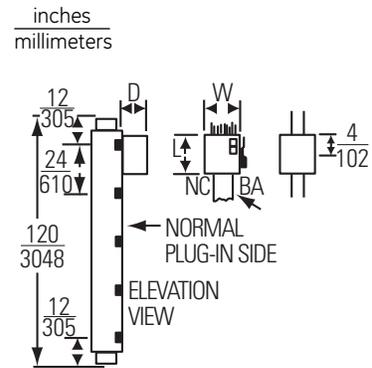


Fig. 33.2
Door hinges at left end. All dimensions are shown over largest part of plug.

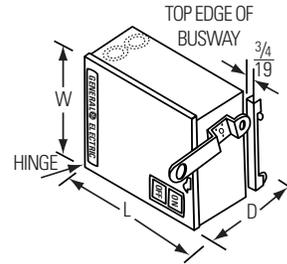
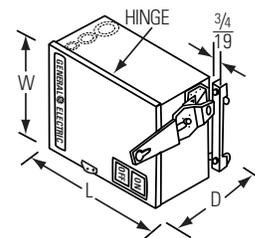


Fig. 33.3
Door hinges at top. All dimensions are shown over largest part of plug.



Cataloging

Busway plugs

Fusible bus plug catalog numbering system.

Refer to page 33 for enclosure sizes.

Table 34.1

Type	Code	Description	SB	3	6	2	R	G	R	P	I
Type	SB	Spectra Bus (Industrial)	•	•	•	•	•	•	•	•	•
	CSB*	Spectra Bus (Commercial)									
	AC	Armor Clad									
	FVK	FVK Bus									
Service	3	3Ø 3W	•	•	•	•	•	•	•	•	•
	4	3Ø 4W									
Volts	2	240 V	•	•	•	•	•	•	•	•	•
	6	380, 415, 480 V									
Amps	1	30	•	•	•	•	•	•	•	•	•
	2	60									
	3	100									
	4	200									
	5	400									
	6	600									
Switch	R	QMR	•	•	•	•	•	•	•	•	•
	W	QMW									
Ground	G	Ground Stab (Std.)	•	•	•	•	•	•	•	•	•
Fuse Clips	R	Class R	•	•	•	•	•	•	•	•	•
	J	Class J									
	Omit	Class H									
Plug Assist	P	Plug Assist (Std. on 200-600)	•	•	•	•	•	•	•	•	•
	Omit	None									
Drip Resistant (IP-45)	I	Cover & Base Gasketing	•	•	•	•	•	•	•	•	•
	Omit	None									
Splash-Proof (IP-54)	Z	Cover & Base Extensive Gasketing/Sealing	•	•	•	•	•	•	•	•	•
	Omit	None									

↑
OR
↓
(Leave blank for indoor)

Notes:

All plugs provided with 2-600MCM/(2) 1/0 - 250MCM mechanical lug as standard. Compression lugs available as an option.

* Plug assist option is available for 200 amp and greater only



Cataloging

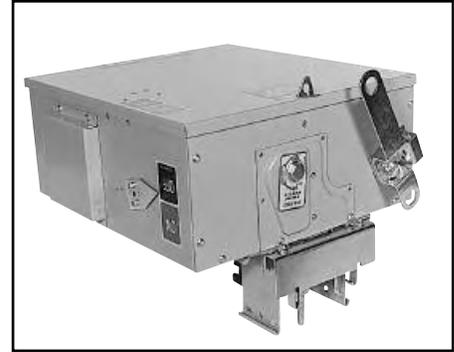
Plugs

A plug assist is furnished as standard on all plugs greater than 100 amps listed on this page. If plug assist is required on other plugs, add Suffix "P" to Catalog Number.

Grounding stab to engage internal or integrated housing ground bus is standard on all Spectra Series plugs. Mating stab is standard on Spectra Series plug-in busway.

All fusible plugs are furnished with Type "NEC" fuse clips as standard. Optional fuse clips are available.

Refer to page 33 for enclosure sizes.



Bus plug with plug assist

Table 35.1
Switch-operated Fusible Plug with QMR Interrupter

Volts ac	Amps	3Ø-3W Catalog Number	3Ø-4W Catalog Number
240	30	SB 321RG	SB 421RG
	60	SB 322RG	SB 422RG
	100	SB 323RG	SB 423RG
	200	SB 324RG	SB 424RG
	400	SB 325RG	SB 425RG
	600	SB 326RG	SB 426RG
480 or 600	30	SB 361RG	SB 461RG
	60	SB 362RG	SB 462RG
	100	SB 363RG	SB 463RG
	200	SB 364RG	SB 464RG
	400	SB 365RG	SB 465RG
	600	SB 366RG	SB 466RG

Table 35.2
Combination Ground Detectors and Neutralizer
Flex-A-Plug Unit (Not UL Listed)

Volts	3Ø-3W Catalog Number
208-240	SB321NG
440-600	SB361NG

Table 35.3
Adapter Kits Convert Spectra Series Bus Plugs to Armor Clad
Ground stab included. See GE instructions pub no. GEH-5647

Amps	Catalog Number
30-100	SBAC1G
200-225	SBAC4G
440-600	SBAC5G

Table 35.4
Combination motor starter plugs-fusible and circuit breaker^①
(3-pole, full-voltage, non-reversing, single-speed)
Includes 3 overload relays with manual reset

Nema Size	Max Hp Rating, 3-phase		With Fusible Switch Disconnect	With Circuit Breaker Disconnect
	240 Volts	440/550 Volts	Max Fuse Size, Amp	Max Trip Size, Amp
0	3	5	30	20
1	7½	10	60	50
2	15	25	100	70
3	30	50	200	100

^① Order by description.

