

Sentron® Busway Systems – Reference Information

Hangers

Selection

Trapeze Hanger—Aluminum (AL) and Copper (CU)

Ampere Rating		"A" Dimensions	Flat Mounted
		Inches (mm)	Catalog Number ^①
AL	L-Rated		
225	—	10.0 (254)	SXTH1
400	—	10.0 (254)	SXTH1
600	—	10.0 (254)	SXTH1
800	400	10.0 (254)	SXTH1
1000	600	10.0 (254)	SXTH1
1200	800	10.0 (254)	SXTH1
1350	1000	13.5 (343)	SXTH2
1600	1200	13.5 (343)	SXTH2
2000	1350, 1600	13.5 (343)	SXTH2
2500	2000	13.5 (343)	SXTH3
3000	2500	13.5 (343)	SXTH3
3200	2000	13.5 (343)	SXTH3
4000	3000, 3200	23.0 (584)	SXTH4
CU	M-Rated		
225	—	10.0 (254)	SXTH1
400	—	10.0 (254)	SXTH1
600	—	10.0 (254)	SXTH1
800	400	10.0 (254)	SXTH1
1000	—	10.0 (254)	SXTH1
1200	600	10.0 (254)	SXTH1
1350	800	10.0 (254)	SXTH1
1600	1000	10.0 (254)	SXTH1
2000	1200, 1350	13.5 (343)	SXTH2
—	1600	13.5 (343)	SXTH2
2500	2000	13.5 (343)	SXTH2
3000	—	18.5 (470)	SXTH3
3200	—	18.5 (470)	SXTH3
4000	2500, 3000, 3200	18.5 (470)	SXTH3
5000	4000	23.0 (584)	SXTH4

① Use SXTH1 for Edge Mounted.

Spring Hanger—Aluminum (AL) and Copper (CU)

Ampere Rating		Floor to Ceiling Height (ft.)				
		10	12	14	16	18
AL	L-Rated					
225	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
400	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
600	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
800	400	SXSH4	SXSH4	SXSH4	SXSH6	SXSH6
1000	600	SXSH4	SXSH4	SXSH4	SXSH6	SXSH6
1200	800	SXSH4	SXSH4	SXSH4	SXSH6	SXSH6
1350	1000	SXSH4	SXSH4	SXSH6	SXSH6	SXSH6
1600	1200	SXSH8	SXSH8	SXSH8	SXSH8	SXSH8
2000	1350, 1600	SXSH8	SXSH8	SXSH8	SXSH8	SXSH8
2500	2000	SXSH8	SXSH8	SXSH8	SXSH10	SXSH10
3000	2500	SXSH8	SXSH8	SXSH10	SXSH10	SXSH10
3200	2000	SXSH8	SXSH8	SXSH10	SXSH10	SXSH10
4000	3000, 3200	SXSH8	SXSH10	SXSH10	SXSH10	SXSH12
CU	M-Rated					
225	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
400	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
600	—	SXSH4	SXSH4	SXSH4	SXSH4	SXSH4
800	400	SXSH4	SXSH4	SXSH6	SXSH6	SXSH6
1000	—	SXSH4	SXSH6	SXSH6	SXSH6	SXSH8
1200	600	SXSH6	SXSH6	SXSH6	SXSH8	SXSH8
1350	800	SXSH6	SXSH6	SXSH6	SXSH8	SXSH8
1600	1000	SXSH8	SXSH8	SXSH10	SXSH10	SXSH10
2000	1200, 1350	SXSH8	SXSH10	SXSH10	SXSH10	SXSH12
2500	2000	SXSH10	SXSH12	SXSH12	SXSH12	SXSH14
3000	—	SXSH10	SXSH12	SXSH12	SXSH14	SXSH14
3200	—	SXSH12	SXSH12	SXSH14	SXSH14	SXSH12 + 1.25" Preload ^②
4000	2500, 3000, 3200	SXSH12	SXSH14	SXSH14	SXSH16 ^②	SXSH14 + 1.25" Preload ^②
5000	4000	SXSH14	SXSH12 + 1.25" Preload ^②	SXSH14 + 1.25" Preload ^②	SXSH16 + 1.25" Preload ^②	SXSH16 + 1.5" Preload ^②

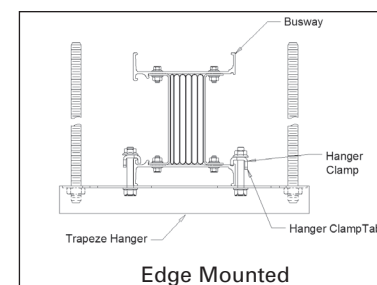
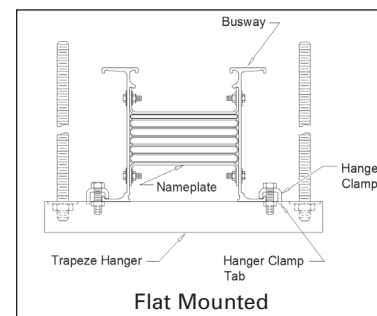
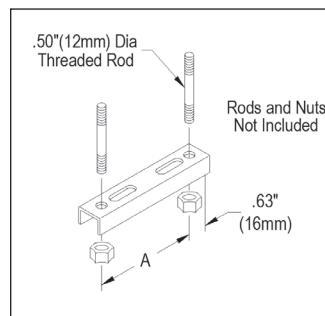
② Not Documented

Assuming 3P4W busway with no additional busway-supported weight per floor.

This information is confirmed during the quotation process, for additional information please contact your local Siemens Sales representative.

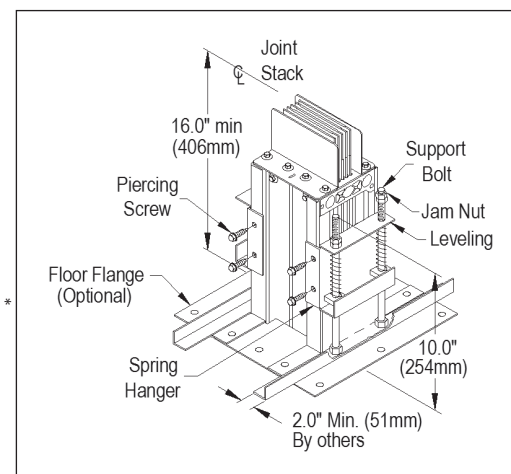
Trapeze Hanger

A complete offering of hangers is available to support Sentron Busway in both vertical and horizontal applications. Standard trapeze hangers support Sentron Busway in horizontal applications on 10 ft. (3.05m) centers. Additional hangers may be used if structural requirements mandate their use. The contractor must supply drop rods to complete assembly for trapeze hangers.



Spring Hanger

Spring hangers and floor support hangers must be used to provide secure mounting of the busway run in vertical applications. Spring hangers support the weight of the busway on each floor and also compensate for minimal building movement and thermal expansion. Maximum distance between spring hangers may not exceed 16 ft. (4.88m). When ordering 18 ft. (5.49m) floor to ceiling height assemblies, intermediate support hangers are necessary.



*Note: Flanges do not offer support to the busway. Flanges provide a means of covering the hole created in the existing structure.