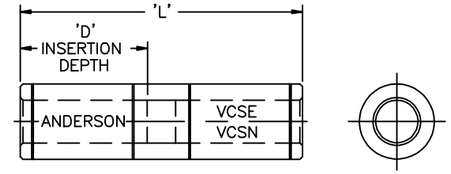
CATALOG NUMBER	CONDUCTOR TYPES AND SIZES (STRANDING) (REFER TO NOTES, 6 & 7)						DIMENSIONS IN INCHES (MILLIMETERS)		TOOLING AND NO. OF CRIMPS PER END		
	ACSR–AWG OR MCM		AAC–AWG OR MCM		COPPER–AWG OR MCM		'L'	'D'	VC–5	VC–6 TOOLS	VC–8 'AL'NIBS
VCSE–44	1/0 (6/1), #2 (7/1–6/1), #6 (6/1),	#1 (6/1), #4 (7/1–6/1), #8 (6/1)	1/0 (19,7), #2 (19,7), #6 (7),	#1 (19,7), #3 (7), #4 (7), #8 (7) #10 (7)	1/0 (19,7) #2 (7,1) #6 (7,1),	#1 (19,7) #4 (7,1), #8 (7,1) #10 (1)	2 (50.8)	.969 (24.6)	2	2 OVERLAP	–
VCSE–55	2/0 (6/1), #1 (6/1), #4 (7/1,6/1)	#1/0 (6/1), #2 (7/1,6/1), #6 (6/1),	3/0 (19,7), 1/0 (19,7), #2 (19,7), #6 (7),	2/0 (19,7), #1 (19,7), #3 (7), #4 (7), #8 (7)	3/0 (19,7) 1/0 (19,7) #2 (7,1) #6 (7,1),	2/0 (19,7) #1 (19,7) #4 (7,1), #8 (7,1)	3 (76.2)	1.438 (36.5)	3	2	–
VCSE–66	4/0 (6/1), 2/0 (6/1), #1 (6/1), #4 (7/1,6/1)	3/0 (6/1), 1/0 (6/1), #2 (7/1,6/1),	266.8 (19,7), 4/0 (19,7), 2/0 (19,7), #1 (19,7), #3 (7),	250 (37,19,7), 3/0 (19,7), 1/0 (19,7), #2 (19,7), #4 (7)	250 (37,19) 3/0 (19,7) 1/0 (19,7) #2 (7,3,1), #4 (7,3,1),	4/0 (19,7) 2/0 (19,7) #1 (19,7) #3 (7,3)	4 (101.6)	1.875 (47.6)	4	3 OVERLAP	–
VCSE–77	336.4 (36/1, 18/1) 266.8 (26/7,24/7,18/1) 3/0 (6/1),	300 (18/1), 4/0 (6/1), 2/0 (6/1)	350 (37,19), 300 (61,37), 250 (37,19), 3/0 (19,7),	336.4 (19), 266.8 (19,7), 4/0 (19,7), 2/0 (19,7)	350 (37,19) 300 (37,19) 250 (37,19) 3/0 (19,7)	4/0 (19,7) 2/0 (19,7)	5 (127.0)	2.375 (60.3)	–	4 OVERLAP	–
VCSE–88	477 (18/1), 336.4 (26/7,24/7,36/1,18/1) 300 (18/1), 4/0 (6/1)	397.5 (26/7,24/7,18/1) 266.8 (26/7,24/7,18/1)	500 (37,19), 397.5 (19), 266.8 (19,7), 4/0 (19,7)	477 (37,19), 450 (37,19) 350 (37,19), 336.4 (19) 300 (37), 250 (37,19)	500 (37,19) 450 (37,19) 350 (37,19) 250 (37,19)	300 (37,19) 4/0 (19,7)	5 (127.0)	2.375 (60.3)	–	4 OVERLAP	–
VCSE–99	636 (26/7,24/7,36/1,18/1) 605 (26/7,24/7) 556.5 (26/7,24/7,36/1,18/1) 477 (26/7,24/7,18/1)		750 (61), 700 (61), 556.5 (37,19),	715.5 (61,37) 636 (61,37), 600 (61) 500 (37,19)	500 (37)		6 (152.4)	2.875 (73.0)	–	4 VC6–FT ONLY	3
VCSN–44	1/0 (6/1), #2 (7/1,6/1), #6 (6/1)	#1 (6/1), #4 (7/1,6/1),	1/0 (19,7), #2 (19,7), #4 (7),	#1 (19,7), #3 (7), #6 (7)	-----		3.562 (90.5)	1.750 (44.4)	3	2	–
VCSE–831	477 (26/7,24/7,18/1), 397.5 (26/7,24/7,18/1), 336.4 (30/7,26/7,24/7,18/1), 266.8 (30/7,26/7,24/7,18/1), 4/0 (6/1),	3/0 (6/1)	556.5 (37,19), 477 (37,19), 397.5 (19), 336.4 (19), 300 (37), 4/0 (19,7),	500 (37,19), 450 (37,19), 350 (37,19), 266.8 (19,7), 250 (37,19), 3/0 (19,7)	350 (37,19) 300 (37,19) 250 (37,19) 4/0 (19,7) 3/0 (19,7)		7.125 (181.0)	3.562 (90.5)	–	–	3
VCSE–832	636 (18/1,36/1) 556.5 (26/7,24/7) 477 (26/7,24/7,18/1) 397.5 (30/7,26/7,24/7,18/1) 336.4 (30/7,26/7,24/7,18/1)		636 (37) 556.5 (37,19) 500 (37,19) 477 (37,19) 450 (37,19) 350 (37,19)		400 (37,19) 350 (37,19)		8.875 (225.4)	4.438 (112.7)	–	–	4
VCSE–833	795 (36/1), 636 (26/7,24/7,18/1,36/1), 605 (26/7,24/7), 556.5 (26/7,24/7), 477 (30/7,26/7,24/7,18/1), 397.5 (30/7,26/7,24/7,18/1)	#1 (6/1),	795 (61,37), 700 (61), 556.5 (37,19), 477 (37,19),	715.5 (61,37), 636 (37), 500 (37,19), 450 (37,19),	500 (37,19), 450 (37), 400 (37,19)		10.625 (269.9)	5.312 (134.9)	–	–	5

NOTES:

1) MATERIAL: HIGH CONDUCTIVITY ALUMINUM ALLOY.
2) CONNECTORS TESTED IN ACCORDANCE WITH EEI, NEMA PERFORMANCE CRITERIA PER TDJ–162/CC3–1973 (ANSI C119.4).
3) CONNECTORS ARE PRE–CLEANED, FACTORY INHIBITED AND CAPPED WITH A PLASTIC PLUG ON EACH END.
4) CONNECTOR INFORMATION AND CRIMP LOCATIONS PERMANENTLY INDENTED.
5) ALL CONDUCTOR SHOULD BE VIGOROUSLY CLEANED TO REMOVE OXIDES, GREASE, OIL, AND OTHER FOREIGN MATTER. A BRIGHT SURFACE SHOULD BE OBTAINED ON ALUMINUM AND ACSR CONDUCTORS.
6) ALUMINUM ALLOY CONDUCTOR RECOMMENDATIONS INCLUDE 5005 AND ACAR HAVING THE SAME DIAMETER AS A GIVEN ACSR CONDUCTOR SHOWN IN THE CHART. 6201 (AAAC) IS RECOMMENDED FOR 800 SERIES CONNECTORS ONLY.
7) COMPRESSED (COMPACT) CONDUCTOR SIZES WITHIN THE SAME DECIMAL CONDUCTOR RANGE ARE RECOMMENDED.
8) FOR SOLID COPPER CONDUCTORS ROUGHEN THE CONDUCTOR WITH A HACKSAW BLADE OR PLIERS, ETC., BEFORE INSERTION IN CONNECTOR.
9) THE VCSN–44 IS DESIGNED TO MEET EEI, NEMA 'PARTIAL TENSION' PERFORMANCE CRITERIA WHEN USING THE RECOMMENDED ACSR AND AAC CONDUCTOR SIZES SHOWN. TYPICAL APPLICATIONS ARE ALUMINUM MULTIPLEX SERVICE NEUTRALS AND ALUMINUM JUMPER LOOP CONNECTIONS.
10) ADD "NG" TO CATALOG NUMBER FOR A "NO INHIBITOR" OPTION.



FOR ALUMINUM TO ALUMINUM OR ALUMINUM TO COPPER CONDUCTORS.
TYPE VCSE: MINIMUM TENSION
VCSN–44: PARTIAL TENSION

EC #	DATE	CHG BY	RESP ENG
30049	2/23/09	BAF	DJS

DESC OF DWG
ADDED NOTE 10.
ADDED NEW BORDER.
--
--
REASON (S) FOR CHANGE: --
DISPOSITION OF MAT'L: --

ANDERSON® TOLERANCE CHART

HUBBELL® POWER SYSTEMS

TITLE: VC SERVICE ENT SLEEVES

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
C	CC-9571	VCSE-X	06

DO NOT SCALE THIS DRAWING | DRN BY BAF | DATE 2/23/09 | SHEET 1 OF 1