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500 kV High Temperature

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TYPE C2SWB-V-AA-HT

Cable Support Clamp – High Temperature

Two-conductor strain bus support is designed to be corona free for 500 kV service.

Material

Aluminum Alloy

Hardware

Aluminum bolts, lockwashers and nuts.

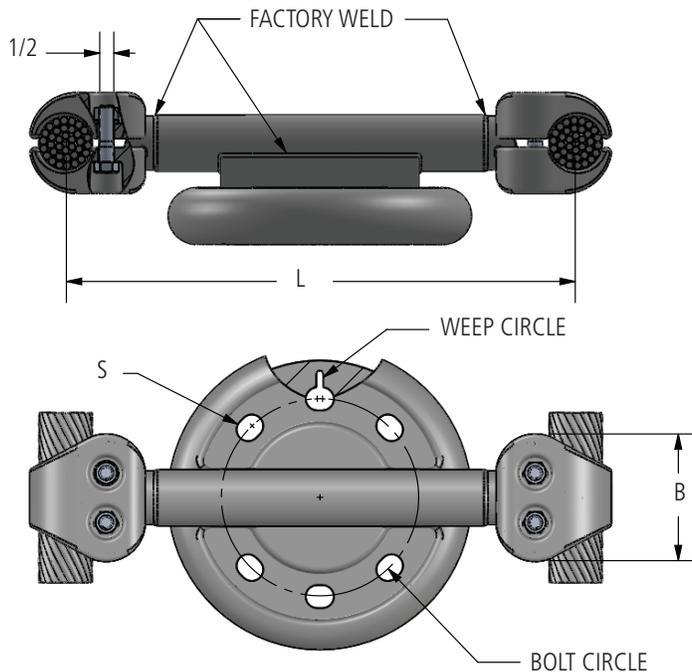
Mounting Hardware

Galvanized steel bolts and lockwashers.



Notes

1. Suitable for applications up to 250°C.
2. For Stainless Steel Hardware, add "-SS" to catalog number.
Example: C2SWB360-8-2-V-AA-HT-SS
3. For Stainless Steel Bolts, Lockwashers and Everdur nuts, add "-SSHBN" to catalog number. Example: C2SWB250-8-5-V-AA-HT-SSHBN



AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

TYPE C2SWB-V-AA-HT

Cable Support Clamp – High Temperature

Ordering Information

Catalog Number	Cable Range			Bolt Circle	Dimensions in Inches		
	Aluminum		ACSR		B	S	L
	Min	Max					
C2SWB79-12-5-V-AA-HT	750MCM	795MCM	636 (18/1) (24/7) (26/7)	5	2	11/16	12
C2SWB79-18-5-V-AA-HT	750MCM	795MCM	636 (18/1) (24/7) (26/7)	5	2	11/16	18
C2SWB95-8-5-V-AA-HT	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	11/16	8
C2SWB95-10-5-V-AA-HT	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	11/16	10
C2SWB95-12-5-V-AA-HT	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	11/16	12
C2SWB95-18-5-V-AA-HT	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	11/16	18
C2SWB95-18-7-V-AA-HT	800MCM	954MCM	795 (45/7) (24/7) (26/7)	7	2	13/16	18
C2SWB103-6-5-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	5	2	11/16	6
C2SWB103-6-7-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	7	2	13/16	6
C2SWB103-12-5-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	5	2	11/16	12
C2SWB103-12-7-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	7	2	13/16	12
C2SWB103-18-5-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	5	2	11/16	18
C2SWB103-18-7-V-AA-HT	1000MCM	1033.5MCM	954 (45/7) (54/7)	7	2	13/16	18
C2SWB127-12-5-V-AA-HT	1113MCM	1272MCM	1033(54/7), 1113 (45/7) (54/19)	5	4 1/2	11/16	12
C2SWB127-12-7-V-AA-HT	1113MCM	1272MCM	1033(54/7), 1113 (45/7) (54/19)	7	4 1/2	13/16	12
C2SWB127-18-5-V-AA-HT	1113MCM	1272MCM	1033(54/7), 1113 (45/7) (54/19)	5	4 1/2	11/16	18
C2SWB127-18-7-V-AA-HT	1113MCM	1272MCM	1033(54/7), 1113 (45/7) (54/19)	7	4 1/2	13/16	18
C2SWB143-12-5-V-AA-HT	1300MCM	1431MCM	1272 (45/7) (54/19)	5	4 1/2	11/16	12
C2SWB143-18-5-V-AA-HT	1300MCM	1431MCM	1272 (45/7) (54/19)	5	4 1/2	11/16	18
C2SWB143-18-7-V-AA-HT	1300MCM	1431MCM	1272 (45/7) (54/19)	7	4 1/2	13/16	18
C2SWB160-6-5-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	5	4 1/2	11/16	6
C2SWB160-6-7-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	7	4 1/2	11/16	6
C2SWB160-12-5-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	5	4 1/2	11/16	12
C2SWB160-12-7-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	7	4 1/2	11/16	12
C2SWB160-18-5-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	5	4 1/2	11/16	18
C2SWB160-18-7-V-AA-HT	1500MCM	1600MCM	1272 ROPE L. 1431 (45/7) (54/19)	7	4 1/2	13/16	18
C2SWB180-8-5-V-AA-HT	1700MCM	1800MCM	1590 (45/7) (54/19)	5	4 1/2	11/16	8
C2SWB180-12-5-V-AA-HT	1700MCM	1800MCM	1590 (45/7) (54/19)	5	4 1/2	11/16	12
C2SWB180-18-5-V-AA-HT	1700MCM	1800MCM	1590 (45/7) (54/19)	5	4 1/2	11/16	18
C2SWB180-18-7-V-AA-HT	1700MCM	1800MCM	1590 (45/7) (54/19)	7	4 1/2	13/16	18
C2SWB205-6-5-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	5	4 1/2	11/16	6
C2SWB205-12-5-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	5	4 1/2	11/16	12
C2SWB205-13-5-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	5	4 1/2	11/16	13

TYPE C2SWB-V-AA-HT

Cable Support Clamp – High Temperature

Ordering Information

Catalog Number	Cable Range		Bolt Circle	Dimensions in Inches			
	Aluminum			ACSR	B	S	L
	Min	Max					
C2SWB205-18-5-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	5	4 1/2	11/16	18
C2SWB205-18-7-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	7	4 1/2	13/16	18
C2SWB205-43-5-V-AA-HT	2000MCM	2049MCM	1780(84/19), 2034.5(72/7)	5	4 1/2	11/16	43
C2SWB240R-14-5-V-AA-HT	—	2.40 O.D.	—	5	4 1/2	11/16	14
C2SWB250-8-5-V-AA-HT	2250MCM	2500MCM	2156(84/19), 2300(96/19)	5	4 1/2	11/16	8
C2SWB250-12-5-V-AA-HT	2250MCM	2500MCM	2156(84/19), 2300(96/19)	5	4 1/2	11/16	12
C2SWB250-13-5-V-AA-HT	2250MCM	2500MCM	2156(84/19), 2300(96/19)	5	4 1/2	11/16	13
C2SWB250-14-7-V-AA-HT	2250 MCM	2500MCM	2156(84/19), 2300(96/19)	7	4 1/2	11/16	14
C2SWB250-18-5-V-AA-HT	2250MCM	2500MCM	2156(84/19), 2300(96/19)	5	4 1/2	11/16	18
C2SWB250-18-7-V-AA-HT	2250MCM	2500MCM	2156(84/19), 2300(96/19)	7	4 1/2	13/16	18
C2SWB275-18-5-V-AA-HT	—	2750MCM	2515(76/19)	5	4 1/2	11/16	18
C2SWB275-18-7-V-AA-HT	—	2750MCM	2515(76/19)	7	4 1/2	13/16	18
C2SWB300-12-7-V-AA-HT	2750MCM	3000MCM	—	7	4 1/2	13/16	12
C2SWB350-6-5-V-AA-HT	—	3500MCM	—	5	5 1/2	11/16	6
C2SWB350-13-5-V-AA-HT	—	3500 MCM	—	5	5 1/2	11/16	13

TYPE 33800-EHV

Cable Support – High Temperature

Single conductor strain bus support is designed to be corona free for 345 kV service. Support is designed with universal groove to accept conductors with diameter from 1.545" to 2.158".

Material

Aluminum Alloy

Mounting Hardware

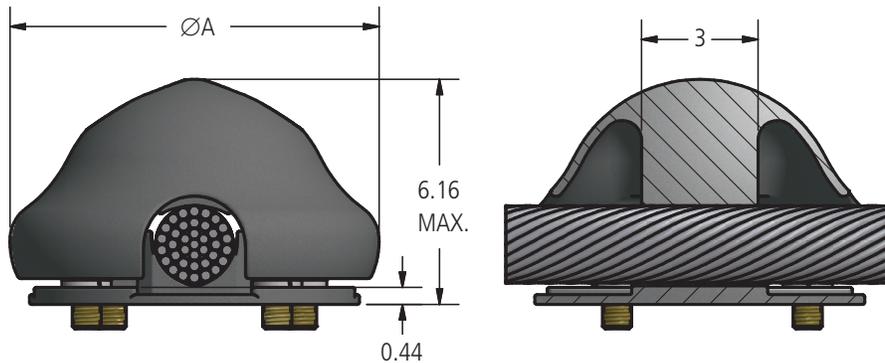
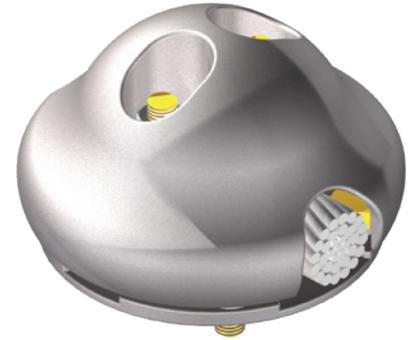
Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

1. For use at high temperatures up to 250°C.



Ordering Information

Catalog Number	Conductor Diameter Range	Dimensions in inches	Nominal Weight lbs
		A	
5" Bolt Circle			
33805-5 EHV-HT	1.545 - 2.158	7.25	4.5
7" Bolt Circle			
33805-7 EHV-HT	1.545 - 2.158	9.5	6.6

AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

CFTL-N-V-AA-HT

Cable to Flat Tee Connector – High Temperature

Bolted tap is designed to be corona free for 345 kV and 500 kV operation when pad covers are used to shield terminal hardware.

Material

Aluminum Alloy

Hardware

Stainless steel bolts, washers and Everdur nuts

Notes

- Suitable for applications up to 250°C
- For Finished Surface on both sides of Pad, add "F" to catalog number.
Example: CFTL95-4N4F-V-AA-HT
- For Hardware Shield, add "-CSBV" to catalog number.
Example: CFTL95-4N4-V-AA-HT-CSBV



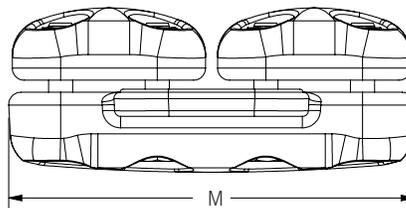
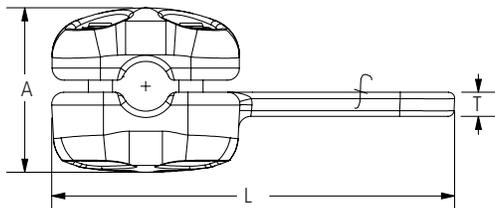
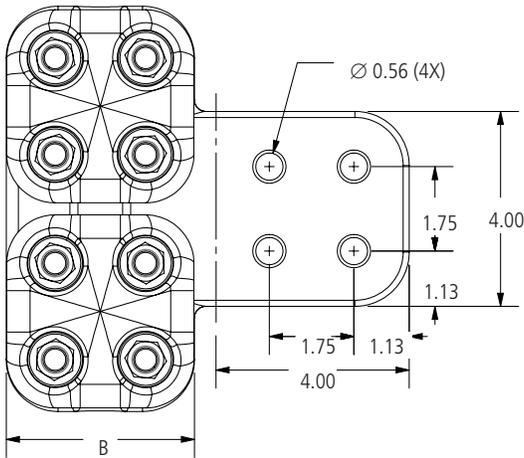
CFTL-N-A-AA-HT



Side View



Front View



Ordering Information

Catalog Number	Cable Range		Dimensions (inches)						
	MIN	MAX	ACSS	Diameter	A	B	L	M	T
CFTL79-4N4-V-AA-HT	700 MCM	795 MCM	555.6 (30/7), 605 (24/7, 26/7, 30/7, 30/19), 636 (18/1,36/1, 24/7, 26/7, 30/7, 30/19), 666.6 (24/7, 26/7)	0.940-1.026	3.41	3.90	8.34	8.40	0.50
CFTL95-4N4-V-AA-HT	800 MCM	954 MCM	715.5 (24/7, 26/7, 30/19), 795 (36/1, 26/7, 45/7, 54/7, 30/19), 900 (45/7)	1.032-1.140	3.52	3.90	8.35	8.40	0.50
CFTL103-4N4-V-AA-HT	1000 MCM	1033.5 MCM	900 (54/7), 954 (45/7, 54/7)	1.172-1.196	3.63	3.88	8.29	8.42	0.50
CFTL127-4N4-V-AA-HT	1113 MCM	1272 MCM	1033.5 (45/7, 54/7), 1113 (45/7, 54/19)	1.216-1.300	3.81	4.50	8.86	9.43	0.50
CFTL140-4N4-V-AA-HT	1300 MCM	1400 MCM	1192.5 (45/7, 54/19), 1272 (45/7, 54/19)	1.315-1.385	3.81	4.50	8.86	9.42	0.50

AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

TCL-N-V-AA-HT

Bolted Terminal Connector – High Temperature

Bolted tap is designed to be corona free for 345 kV and 500 kV operation when pad covers are used to shield terminal hardware.

Material

Aluminum Alloy

Hardware

Stainless steel bolts, washers and Everdur nuts

Notes

- Suitable for applications up to 250°C
- For Finished Surface on both sides of Pad, add "F" to catalog number.
Example: TCL-79-4N4F-V-AA-HT
- For Hardware Shield, add "-CSBV" to catalog number.
Example: TCL79-4N4-V-AA-HT-CSBV



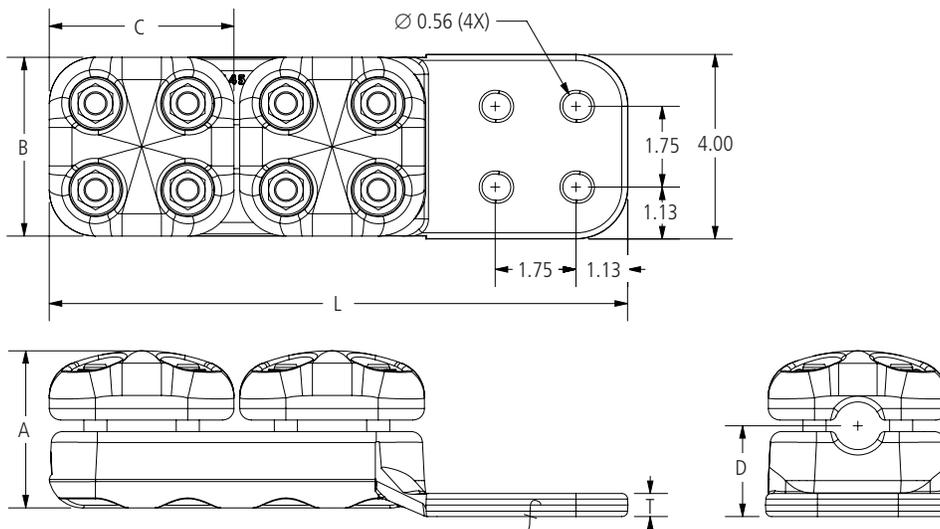
TCL-N-A-AA-HT



Side View



Front View



Ordering Information

Catalog Number	Cable Range			Diameter	Dimensions (inches)					
	MIN	MAX	ACSS		A	B	C	D	L	T
TCL79-4N4-V-AA-HT	700 MCM	795 MCM	555.6 (30/7), 605 (24/7, 26/7, 30/7, 30/19), 636 (18/1, 36/1, 24/7, 26/7, 30/7, 30/19), 666.6 (24/7, 26/7)	0.940-1.026	3.41	3.88	4.00	1.97	12.53	0.50
TCL95-4N4-V-AA-HT	800 MCM	954 MCM	715.5 (24/7, 26/7, 30/19), 795 (36/1, 26/7, 45/7, 54/7, 30/19), 900 (45/7)	1.032-1.140	3.52	3.88	4.00	2.08	12.53	0.50
TCL103-4N4-V-AA-HT	1000 MCM	1033.5 MCM	900 (54/7), 954 (45/7, 54/7)	1.172-1.196	3.63	3.88	4.00	2.19	12.58	0.50
TCL127-4N4-V-AA-HT	1113 MCM	1272 MCM	1033.5 (45/7, 54/7), 1113 (45/7, 54/19)	1.216-1.300	3.81	4.50	4.50	2.25	13.66	0.50
TCL140-4N4-V-AA-HT	1300 MCM	1400 MCM	1192.5 (45/7, 54/19), 1272 (45/7, 54/19)	1.315-1.385	3.81	4.50	4.50	2.25	13.67	0.50

AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

Type APT-N-V-AA-HT

Bolted Terminal Connector – High Temperature

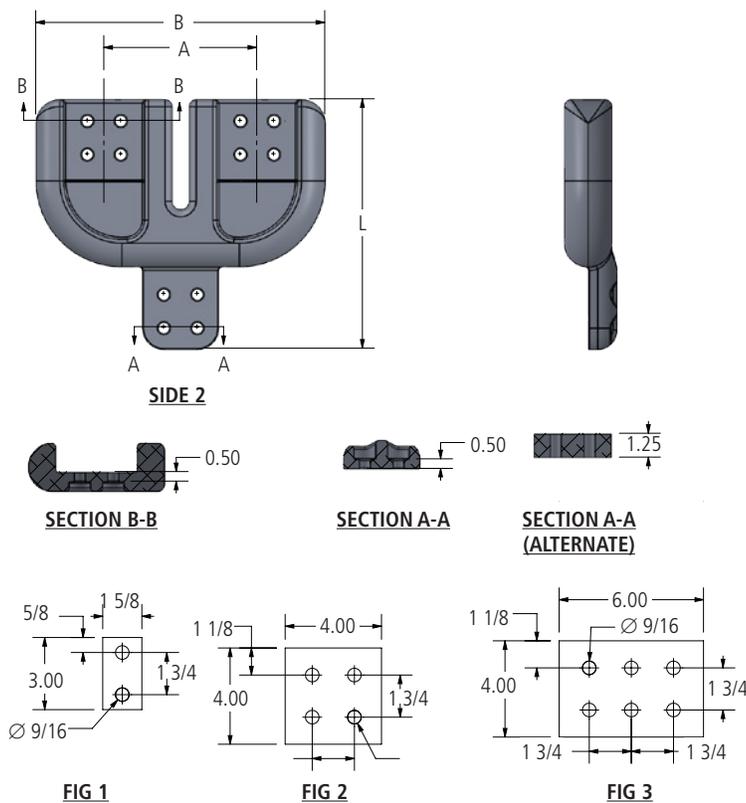
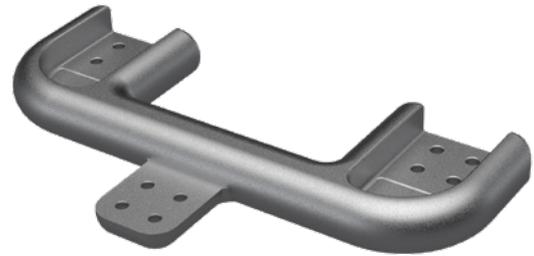
Expands one NEMA pad to two NEMA pad. Useful for connecting twin lines. When using for high temperature operation, up to 250°C, Everdur nuts and stainless-steel bolts, flat washers and Belleville washers must be used.

Material

Aluminum Alloy

Notes

- For Mounting Hardware, add "-TMH" to catalog number.
EX: APT6N4-18-V-AA-TMH
- For Hardware Shield, add "-CSBV" to catalog number.
EX: APT6N4-18-V-AA-CSBV
- For Stainless Steel bolts, lockwashers and Everdur nuts, add "-SSHBN" to catalog number. EX: APT6N4-18-V-AA-SSHBN



Ordering Information

Catalog Number	Figure Number		Section A-A	Dimensions (inches)		
	Side 1	Side 2		A	B	L
APT4N4-8-V-AA	2	2	–	8.00	15.13	13.06
APT4N4-12-V-AA	2	2	–	12.00	19.13	13.06
APT4N4-18-V-AA	2	2	–	18.00	25.13	13.06

AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

