

Aluminum splices

CSA non-tension splices

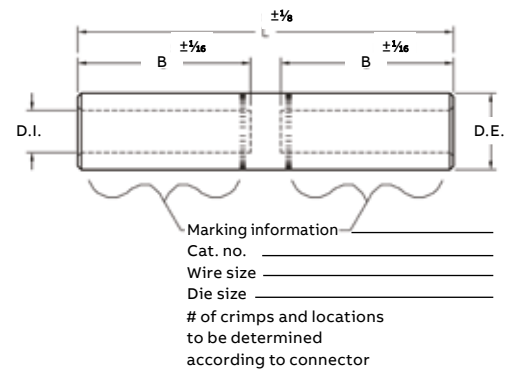
Compress these lugs with standard tools and dies

- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

CSA non-tension splices

Cat. no.	Wire size (AWG or kcmil)	CSA die	O.D.	I.D.	Dimensions (in.)	
					L	B
GLE 2	2 str.–Compr–CPT	22	0.635	0.340	2.00	0.96
GLE 1/0	1/0 str.–Compr–CPT	22	0.635	0.420	2.00	0.96
GLE 2/0	2/0 str. Compr–CPT	24	0.840	0.503	2.13	0.96
GLE 3/0	3/0 str.–Compr–CPT	24	0.840	0.547	2.75	1.31
GLE 4/0	4/0 str.–Compr–CPT	24–6T	0.840	0.594	2.75	1.31
GLE 250	250 str.–Compr–CPT	26	1.000	0.620	3.13	1.44
GLE 300	300 str.–Compr–CPT	26–12T	1.000	0.670	3.13	1.44
GLE 350	350 str.–Compr–CPT	28	1.189	0.730	4.00	1.88
GLE 500	500 str.–Compr–CPT	28–12T	1.189	0.835	4.00	1.88
GLE 500-30	500 str.–Compr–CPT	30–12T	1.438	0.880	4.50	2.13
GLE 750	750 str.–Compr–CPT	30	1.438	1.031	4.50	2.13

Diagram



Finish: Tin-plated optional, use suffix "TN".

Material: E.C. grade aluminum.

Connector bores are coated with HM 53 a oxide-inhibiting compound and capped.

Aluminum splices

Tin-plated straight splices for general applications



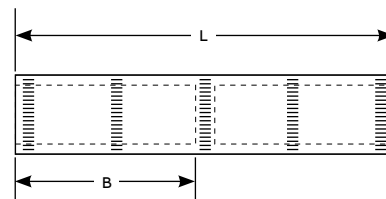
ASC 1000

- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Tin-plated straight splices for general applications

Cat. no.	Conductor range (AWG or kcmil)			Dimensions (in.)		Installing dies
	Concentric	Compact	ACSR	L	B	
ASC 6	#6	–	–	1 $\frac{5}{8}$	$\frac{3}{4}$	TP, 29, 161, $\frac{5}{16}$
ASC 4	#4	–	–	2	1	TB, 37, 375, 162
ASC 2	#2	–	–	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$, 6A
ASC 1	#1	–	–	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$
ASC 1/0	1/0	–	–	2 $\frac{1}{4}$	1 $\frac{31}{32}$	TU, 52, BG, 243, $\frac{5}{8}$
ASC 2/0	2/0	–	–	2 $\frac{5}{16}$	1 $\frac{3}{32}$	TW-TY, 58, 297, $\frac{5}{8}$ -1
ASC 3/0	3/0	–	–	2 $\frac{5}{8}$	1 $\frac{1}{4}$	TV, 66, 167, 467, 10A
ASC 4/0	4/0	–	–	2 $\frac{3}{4}$	1 $\frac{5}{16}$	TX, 71H, 298, 840, 11A
ASC 250	4/0-250	300	4/0	2 $\frac{15}{16}$	1 $\frac{3}{8}$	TX, 76, 249, 840, 11A
ASC 300	266.8-300	350	266.8 (18/1)	3 $\frac{1}{8}$	1 $\frac{7}{16}$	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3 $\frac{3}{8}$	1 $\frac{39}{64}$	96, 299, 655, 1 ($\frac{1}{8}$ -1), 13A
ASC 400	397.5-400	–	336.4 (26/7), 397.5 (18/1)	3 $\frac{3}{4}$	1 $\frac{3}{4}$	96, 472, 655, 1 ($\frac{1}{8}$ -1), 13A
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3 $\frac{7}{8}$	1 $\frac{27}{32}$	106A, 300, 317, 1 $\frac{15}{16}$, 14A
ASC 600	550-600	–	477 (26/7), 556.5 (18/1)	4 $\frac{1}{8}$	1 $\frac{15}{16}$	1 $\frac{5}{16}$, 115H, 786, 936, 473
ASC 750	700-750	–	636 (26/7)	4 $\frac{11}{16}$	2 $\frac{7}{32}$	140H, 301, 342, 1 $\frac{1}{2}$
ASC 750-608*	700-750	–	636 (26/7)	4 $\frac{11}{16}$	2 $\frac{7}{32}$	125H, 608, 786, 1 $\frac{1}{2}$, 936
ASC 800	800	–	–	4 $\frac{3}{4}$	2 $\frac{1}{4}$	140H, 342, 474, 1 $\frac{1}{2}$
ASC 1000	954-1,000	–	795 (26/7), 954 (45/7)	5 $\frac{1}{4}$	2 $\frac{3}{8}$	161, 292, 302, 319, 1 $\frac{3}{4}$
ASC 1250	1,250	–	–	8	3 $\frac{11}{16}$	161, 727, 352, 1 $\frac{7}{8}$
ASC 1500	1,500	–	–	6 $\frac{1}{2}$	3 $\frac{3}{8}$	189, 478, 728

Diagram



* Not UL listed.

For tin-plated splices add "-TN" suffix to the catalogue number. Tin-plated splices with are UL listed through 1,000 kcmil.

Aluminum splices

Straight splices for general applications

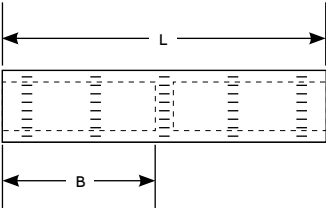


- Provides high strength and high conductivity
- Ensures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight splices for general applications

Cat. no.	Conductor range (AWG or kcmil)			Dimensions (in.)		Installing dies
	Concentric	Compact	ACSR	L	B	
AC 4	#4	–	–	2¼	1	TB, 37, 375
AC 2	#2	–	–	3 ¹⁵ / ₃₂	1 ³⁷ / ₆₄	TQ, 45, 348, 163, ½
AC 1	#1	–	–	3 ¹⁵ / ₃₂	1 ³⁷ / ₆₄	TQ, 45, 348, 163, ½
AC 1/0	1/0	–	–	3 ¹¹ / ₁₆	1 ¹³ / ₃₂	TU, 52, BG, 243, ⅝, 8A
AC 2/0	2/0	–	–	3 ¹¹ / ₁₆	1 ¹³ / ₃₂	TU, 52, BG, 243, ⅝, 8A
AC 3/0	3/0	–	–	4	1¾	TV, 66, 167, 781, 247, 10A
AC 4/0	4/0	250	–	3¾	1¾	TX, 71H, 298, 840, 660, 11A
AC 250	4/0-250	–	4/0	5¼	2 ⁵ / ₁₆	TX, 76, 249, 840, 11A
AC 300	266.8-300	–	266.8 (18/1)	5¾	2 ¹¹ / ₁₆	TH, 87H, 251, 840, 470, 12A
AC 350	336.4-350	–	266.8 (26/7), 336.4 (18/1)	6⅝	3⅝	96, 299, 655, 1 (⅞-1), 13A
AC 400	397.5-400	–	336.4 (26/7), 397.5 (18/1)	7 ⁹ / ₃₂	3½	96, 472, 655, 705, 1 (⅞-1), 13A
AC 500	477-500	600	397.5 (26/7, 30/7), 477 (18/1)	7 ¹⁹ / ₃₂	3 ³⁷ / ₆₄	106A, 300, 317, 1 ¹⁵ / ₁₆ , 14A
AC 600	600	–	477 (26/7), 556.5 (18/1)	7 ²⁷ / ₃₂	3 ⁴⁷ / ₆₄	1 ⁵ / ₁₆ , 115H, 786, 936, 473
AC 750	700-750	–	636 (26/7)	8 ⁹ / ₃₂	3 ³¹ / ₃₂	140H, 301, 342, 1½
AC 800	750-800	–	636 (30/19), 715.5 (54/7)	8½	4 ¹ / ₁₆	140H, 474, 342, 724, 1½H, 1⅝
AC 1000	954-1,000	–	795 (26/7), 954 (45/7)	9 ¹⁵ / ₁₆	4 ⁹ / ₃₂	161, 292, 302, 319, 1¾

Diagram



Aluminum splices

Straight reducing splices



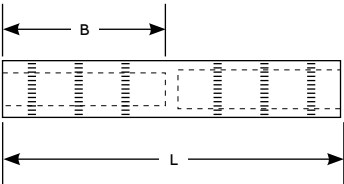
AC 500 R 400

- Solid center stop ensures proper cable insertion**
- Provides high strength and high conductivity
 - Use with aluminum and copper conductors
 - Prevents oxidation
 - Easy identification
 - Meets or exceeds ANSI C119.4 specifications

Straight reducing splices

Cat. no.	Wire size (AWG or kcmil)		Dimensions (in.)		Installing dies
	From	To	L	B	
AC 2 R 4	#2	#4	4 ⁹ / ₁₆	1 ⁷ / ₈	TQ, 45, 348, 6A, ½
AC 1/0 R 2	1/0	#2	4 ⁹ / ₁₆	1 ⁷ / ₈	8A, BG, TU, ⅝
AC 2/0 R 1	2/0	#1	4 ⁹ / ₁₆	1 ⁷ / ₈	TWTY, 60, 245, 9A, ⅝, 1
AC 3/0 R 1/0	3/0	1/0	5	2	781, TU, 56
AC 4/0 R 2/0	4/0	2/0	5¼	2⅞	TX, 71H, 298, 11A, 840
AC 250 R 3/0	250	3/0	5¼	2⅞	840, 11A, 249, TX
AC 300 R 4/0	300	4/0	8 ³ / ₁₆	3 ¹⁷ / ₃₂	96, 299, 1⅞
AC 350 R 4/0	350	4/0	8 ³ / ₁₆	3 ¹⁷ / ₃₂	96, 299, 1⅞
AC 400 R 250	400	250	8 ¹⁹ / ₃₂	3 ¹¹ / ₁₆	96, 472, 1⅞
AC 500 R 300	500	300	8 ¹⁹ / ₃₂	3 ¹³ / ₁₆	106, 300, 317, 1⅞
AC 500 R 350	500	350	8 ¹¹ / ₁₆	3 ¹³ / ₁₆	106, 300, 317, 1⅞
AC 500 R 400	500	400	8 ⁷ / ₈	3 ¹³ / ₁₆	106, 300, 317, 1⅞
AC 600 R 350	600	350	8 ⁷ / ₈	3 ¹⁵ / ₁₆	115, 473, 1⅞
AC 600 R 500	600	500	9¼	3 ¹⁵ / ₁₆	115, 473, 1⅞
AC 750 R 500	750	500	9⅞	4 ⁷ / ₃₂	140, 301, 1½
AC 750 R 600	750	600	9⅞	4 ⁷ / ₃₂	140, 301, 1½
AC 1000 R 500	1,000	500	9⅞	4 ⁵ / ₈	161, 302, 1¾
AC 1000 R 750	1,000	750	9⅞	4 ⁵ / ₈	161, 302, 1¾

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number.

Aluminum splices

Straight splices – Common die series



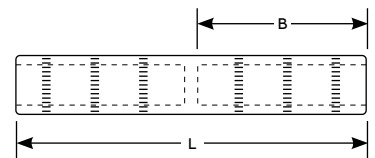
Splices designed for general URD applications

- Lessens your die inventory
- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight splices – Common die series

Cat. no.	Conductor range (AWG or kcmil)				Dimensions (in.)		Installing dies
	Concentric	Compressed	Compact	Solid	L	B	
SAC 4	#4	#4	#4	–	3	1 ¹³ / ₃₂	5/8, 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1	3	1 ¹³ / ₃₂	CSA 22, 5/8, 8A, BG
SAC 1	#1	#1	1/0	1/0	3	1 ¹³ / ₃₂	CSA 22, 5/8, 8A, BG
SAC 1/0	1/0	1/0	2/0	2/0	3	1 ¹³ / ₃₂	CSA 22, 5/8, 8A, BG
SAC 2/0	2/0	2/0	3/0	3/0	4	1 ⁷ / ₈	840, 249, TX, CSA 24
SAC 3/0	3/0	3/0	4/0	–	4	1 ⁷ / ₈	840, 249, TX, CSA 24, 845
SAC 4/0	4/0	4/0	4/0, 250	–	4	1 ⁷ / ₈	840, 249, TX, CSA 24, 845
SAC 250	250	250	–	–	4	1 ⁷ / ₈	840, 249, TX, CSA 24, 11A
SAC 300	300	300	–	–	5	2 ³ / ₈	96, 299, 655, 1 (1/8-1), 13A
SAC 350	350	350	–	–	5	2 ³ / ₈	96, 299, 655, 321, 1 (1/8-1), 13A
SAC 400	400	400	500	–	5 ¹¹ / ₁₆	2 ⁵ / ₈	106A, 300, 317, 15A
SAC 500	477-500	–	600	–	5 ¹¹ / ₁₆	2 ⁵ / ₈	106A, 300, 317, 1 ¹⁵ / ₁₆ , 15A
SAC 600	600	–	–	–	7	3 ³ / ₈	1 ¹ / ₂ , 140, 301, 724
SAC 750	700-750	–	–	–	7	3 ¹³ / ₃₂	140H, 301, 342, 724, 1 ¹ / ₂
SAC 1000	1,000	–	–	–	7	3 ⁵ / ₁₆	1 ³ / ₄ , 161, 302, 292, 319

Diagram



Aluminum splices

Straight reducing splices – Common die series



Reducers for general URD applications

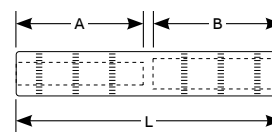
- Lessens your die inventory
- Use with aluminum and copper conductors

- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight reducing splices – Common die series

Cat. no.	Side A			Side B			A-B (in.)	L (in.)	Installing dies
	Concentric/ compressed	Compact	Solid	Concentric/ compressed	Compact	Solid			
SAC 4 R 6	#4	#4	–	#6	#6	–	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4	–	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 1/0 R 4	1/0	2/0	2/0	#4	#4	–	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 1/0 R 2	1/0	2/0	2/0	#2	#1, #2	#1	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 1/0 R 1	1/0	2/0	2/0	#1	1/0	1/0	1 ¹ / ₁₆	3	CSA 22, ³ / ₈ , BG, 243
SAC 2/0 R 2	2/0	3/0	3/0	#2	#1, #2	#1	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 2/0 R 1/0	2/0	3/0	3/0	1/0	2/0	2/0	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 3/0 R 1/0	3/0	4/0	–	1/0	2/0	2/0	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 3/0 R 2/0	3/0	4/0	–	2/0	3/0	3/0	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 4/0 R 2	4/0	250	–	#2	#1, #2	#1	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 4/0 R 1/0	4/0	250	–	1/0	2/0	2/0	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 4/0 R 2/0	4/0	250	–	2/0	3/0	3/0	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 250 R 3/0	250	–	–	3/0	4/0	–	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 250 R 4/0	250	–	–	4/0	250	–	1 ¹ / ₈	4	840, 249, TX, CSA 24
SAC 300 R 250	300	–	–	4/0-250	–	–	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 2	350	–	–	#2	#1, #2	#1	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 1/0	350	–	–	1/0	2/0	2/0	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 2/0	350	–	–	2/0	3/0	3/0	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 3/0	350	–	–	3/0	4/0	–	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 4/0	350	–	–	4/0	250	–	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 350 R 250	350	–	–	250	–	–	2 ³ / ₈	5	96, 299, 655, 1 (1 ¹ / ₈ -1), 13A
SAC 500 R 2	500	–	–	#2	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 1/0	500	–	–	1/0	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 2/0	500	–	–	2/0	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 3/0	500	–	–	3/0	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 4/0	500	–	–	4/0	250	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 300	500	–	–	300	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 350	500	–	–	350	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 500 R 400	500	–	–	400	–	–	2 ²¹ / ₃₂	5 ¹¹ / ₁₆	1 ⁵ / ₁₆ , 15A, 300, 106, 317
SAC 750 R 1/0	750	–	–	1/0	–	–	3	6 ¹ / ₄	140H, 301, 342
SAC 750 R 4/0	750	–	–	4/0	250	–	3	6 ¹ / ₄	140H, 301, 342
SAC 750 R 250	750	–	–	250	–	–	3	6 ¹ / ₄	140H, 301, 342
SAC 750 R 350	750	–	–	350	–	–	3	6 ¹ / ₄	140H, 301, 342
SAC 750 R 500	750	–	–	500	–	–	3	6 ¹ / ₄	140H, 301, 342
SAC 1000 R 400	1,000	–	–	400	–	–	3 ³ / ₈	7	161, 302, 292, 319, 1-3/4
SAC 1000 R 500	1,000	–	–	500	–	–	3 ³ / ₈	7	161, 302, 292, 319, 1-3/4
SAC 1000 R 750	1,000	–	–	750	–	–	3 ³ / ₈	7	161, 302, 292, 319, 1-3/4

Diagram



Aluminum splices

Tin-plated straight splices – 5/8-in. Common die series



Built to resist corrosion and provide high strength and high conductivity

- Provides high strength and high conductivity
- Assures accurate wire positioning and forces oxide inhibitor over and through conductor strands
- Use with aluminum and copper conductors
- Resists corrosion and extends shelf life
- Improves contact and seals out moisture after installation
- Seal splices from contaminants
- Easy identification and installation
- Meets or exceeds ANSI C119.4 specifications

Tin-plated straight splices – 5/8-in. Common die series

Cat. no.	Wire size (AWG or kcmil)		Conductor		Installing dies	L (in.)
	A	B	A	B		
SG 88	#8	#8	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 68	#6	#8	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 66	#6	#6	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 48	#4	#8	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 46	#4	#6	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 44	#4	#4	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 24	#2	#4	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 22	#2	#2	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 11	#1	#1	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 106	1/0	#6	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 104	1/0	#4	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 102	1/0	#2	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 1010	1/0	1/0	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 206	2/0	#6	Al	Al	5/8, 8A, BG, TU, 243	2 1/8
SG 204	2/0	#4	Al	Al	5/8, 8A, BG, TU, 243	2 1/8
SG 202	2/0	#2	Al	Al	5/8, 8A, BG, TU, 243	2 1/8
SG 2010	2/0	1/0	Al	Al	5/8, 8A, BG, TU, 243	2 1/8
SG 2020	2/0	2/0	Al	Al	5/8, 8A, BG, TU, 243	2 1/8

Diagram

