

Aluminum Splicer / Reducers

Type SR

For use when splicing/reducing a wide range of copper and aluminum conductors

- Manufactured from high strength aluminum alloy extrusion
- Electro-tin plated to ensure minimum contact resistance and protect against corrosion
- Plated steel set screws provide a high strength connection
- Internal cable stop or inspection window ensures full cable insertion
- Rated for 600 V, 194°F (90°C) applications
- The use of oxide inhibitor is recommended for all aluminum terminations



CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE	APPROXIMATE DIMENSIONS (IN.)			HEX SIZE
			H	W	L	
SR-2	1	14 Str. - 2 Str.	.56	.50	1.38	SLOT
SR-0	1	14 Str. - 1/0 Str.	.75	.75	1.91	3/16
SR-250	2	6 Str. - 250 kcmil	1.13	1.00	3.94	5/16
SR-250-2	1	6 Str. - 250 kcmil	1.13	1.00	1.94	5/16
SR-350	2	6 Str. - 350 kcmil	1.19	1.13	4.19	5/16
SR-350-2	1	6 Str. - 350 kcmil	1.19	1.13	2.63	5/16
SR-500	2	2 Str. - 500 kcmil	1.50	1.38	5.00	3/8
SR-750	2	250 - 750 kcmil	1.75	1.63	6.25	3/8

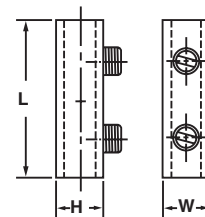


FIG. 1

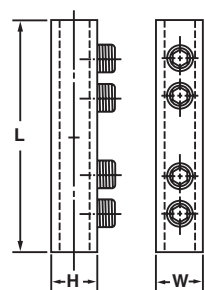


FIG. 2

Test conductor size installed in connector		Tightening torque, N-m (lbf-in)							
		Slotted head No. 10 and larger ^a				Hexagonal head – external drive socket wrench			
		Slot width – 1.2 mm (0.047 in) or less and slot length – 6.4 mm (1/4 in) or less		Slot width – over 1.2 mm (0.047 in) or slot length – over 6.4 mm (1/4 in)		Split-bolt connectors		Other connectors	
AWG or kcmil	(mm ²)	A	B	A	B	A	B	A	B
30 – 10	(0.05 – 5.3)	1.7 (15)	2.3 (20)	2.8 (25)	4.0 (35)	7.3 (65)	9.0 (80)	6.8 (60)	8.5 (75)
8	(8.4)	2.3 (20)	2.8 (25)	3.4 (30)	4.5 (40)	7.3 (65)	9.0 (80)	6.8 (60)	8.5 (75)
6 – 4	(13.2 – 21.2)	2.8 (25)	4.0 (35)	4.0 (35)	5.1 (45)	15.3 (135)	18.6 (165)	10.2 (90)	12.4 (110)
3	(26.7)	2.8 (25)	4.0 (35)	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
2	(33.6)	3.4 (30)	4.5 (40)	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
1	(42.4)	–	–	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
1/0 – 2/0	(53.5 – 67.4)	–	–	4.5 (40)	5.6 (50)	35.6 (315)	43.5 (385)	16.9 (150)	20.3 (180)
3/0 – 4/0	(85.0 – 107.2)	–	–	4.5 (40)	5.6 (50)	45.2 (400)	56.5 (500)	22.6 (200)	28.2 (250)
250 – 350	(127 – 177)	–	–	4.5 (40)	5.6 (50)	62.1 (550)	73.4 (650)	28.2 (250)	36.7 (325)
400	(203)	–	–	4.5 (40)	5.6 (50)	76.3 (675)	93.2 (825)	28.2 (250)	36.7 (325)