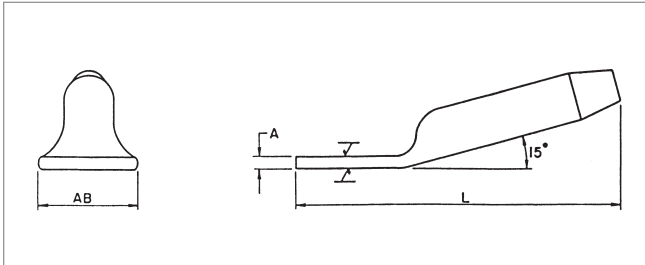


Terminal Connectors—5100 Series for AAC and ACAR Conductors, 15°



The 5100 Series 15° Terminal Connector is designed for AAC and ACAR conductors. The terminal connector is fabricated from AFL seamless drawn aluminum.

When used with the dead end, the 15° terminal connector can be bolted in either the straight or 30° position. All terminal connectors are designed for limited tension use, maintaining a minimum of 40% of the ASTM rated strength of the conductor on which it is being used. Aluminum hardware is supplied with the 15° terminal connector.

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'.
For Standard Finish, leave blank.

Step 3: Assemble Catalog Number.



Example:

For 927.2 Greeley conductor with an EHV finish, the complete catalog number is:

5134.122EHV

AAC & ACAR ACCESSORIES

TERMINAL CATALOG NUMBER	CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSIONS						PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA. IN		LBS	KG	L		A		AB		
		KCMIL						IN	MM	MM	IN	MM		
5112.484	—	155.4	4/3	0.447	12AH	0.7	0.32	9.6	244	0.5	13	1.0	25	B
5112.484	Anaheim	155.4	7	0.447	12AH	0.7	0.32	9.6	244	0.5	13	1.0	25	B
5113.542	—	195.7	4/3	0.502	13AH	0.9	0.40	10.8	273	0.5	13	1.3	32	B
5113.542	Amherst	195.7	7	0.502	13AH	0.9	0.40	10.8	273	0.5	13	1.3	32	B
5113.625	—	246.9	4/3	0.563	13AH	0.9	0.39	11.2	284	0.4	11	1.3	32	B
5113.625	Alliance	246.9	7	0.563	13AH	0.9	0.39	11.2	284	0.4	11	1.3	32	B
5114.719	Butte	312.8	19	0.642	14AH	1.0	0.45	10.8	275	0.5	12	1.3	32	B
5124.781	Canton	394.5	19	0.721	24AH	1.8	0.82	12.4	314	0.7	18	1.5	38	B
5124.875	Cairo	465.4	19	0.783	24AH	1.6	0.73	12.6	319	0.6	16	1.5	38	B
5124.875	—	503.6	15/4	0.814	24AH	1.6	0.73	12.6	319	0.6	16	1.5	38	B

Notes:

1. Pad Dimensions are on page 117.
2. AFL Filler Compound (AFC) Requirements are on page 115.
3. Installation Instructions for Terminals are on page 131.
4. Supplied with aluminum hardware.

Terminal Connectors—5100 Series for AAC and ACAR Conductors, 15° (cont.)

TERMINAL CATALOG NUMBER	CONDUCTOR				DIE SIZE	TOTAL WEIGHT		DIMENSIONS						PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA. IN		LBS	KG	L		A		AB		
		KCMIL						IN	IN	MM	IN	MM	IN	
5127.906	Darien	559.5	19	0.858	27AH	2.1	0.95	12.3	313	0.4	10	3.0	76	D
5127.100	—	634.9	12/7	0.914	27AH	1.9	0.86	12.3	313	0.4	10	3.0	76	D
5127.100	—	649.5	18/19	0.928	27AH	1.9	0.86	12.3	313	0.4	10	3.0	76	D
5127.100	—	649.5	24/13	0.928	27AH	1.9	0.86	12.3	313	0.4	10	3.0	76	D
5127.100	—	649.5	30/7	0.928	27AH	1.9	0.86	12.3	313	0.4	10	3.0	76	D
5130.109	Elgin	652.4	19	0.927	30AH	2.7	1.23	13.6	346	0.5	13	3.0	76	D
5127.100	—	657.3	15/4	0.930	27AH	1.9	0.86	12.3	313	0.4	10	3.0	76	D
5130.109	Flint	740.8	37	0.991	30AH	2.7	1.23	13.6	346	0.5	13	3.0	76	D
5130.116	—	853.7	18/19	1.063	30AH	2.6	1.18	13.9	354	0.5	12	3.0	76	D
5130.116	—	853.7	24/13	1.063	30AH	2.6	1.18	13.9	354	0.5	12	3.0	76	D
5130.116	—	853.7	30/7	1.063	30AH	2.6	1.18	13.9	354	0.5	12	3.0	76	D
5134.122	Greeley	927.2	37	1.108	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	927.2	18/19	1.108	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	927.2	24/13	1.108	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	927.2	30/7	1.108	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	1024.5	18/19	1.165	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	1024.5	24/13	1.165	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.122	—	1024.5	30/7	1.165	34AH	3.7	1.68	14.1	359	0.7	18	3.0	76	D
5134.128	—	1080.6	18/19	1.196	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5134.128	—	1080.6	24/13	1.196	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5134.128	—	1080.6	30/7	1.196	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5138.138	—	1127.0	42/19	1.222	34AH	3.4	1.55	14.6	370	0.6	15	3.0	76	D
5134.128	—	1172.3	18/19	1.246	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5134.128	—	1172.3	24/13	1.246	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5134.128	—	1180.6	24/13	1.212	34AH	3.6	1.64	14.3	363	0.6	16	3.0	76	D
5138.150	—	1534.0	42/19	1.427	38AH	4.5	2.05	15.8	400	0.8	20	3.0	76	D
5138.150	—	1534.0	54/7	1.427	38AH	4.5	2.05	15.8	400	0.8	20	3.0	76	D
5144.159	—	1691.0	--	1.498	44AH	7.4	3.36	18.0	457	0.8	20	4.0	102	E
5140.162	—	1700.0	42/19	1.502	40AH	5.3	2.41	17.4	443	0.7	18	4.0	102	E
5140.162	—	1700.0	54/7	1.502	40AH	5.3	2.41	17.4	443	0.7	18	4.0	102	E
5148.184	—	2303.5	54/37	1.750	48AH	9.0	4.09	20.0	508	0.9	22	4.0	102	E
5148.184	—	2303.5	63/28	1.750	48AH	9.0	4.09	20.0	508	0.9	22	4.0	102	E
5148.184	—	2338.0	42/19	1.762	48AH	9.0	4.09	20.0	508	0.9	22	4.0	102	E

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