

DOSSERT[®] TYPE S5600-EHV, S5100-EHV

Terminal Connectors

The S5600-EHV, S5100-EHV Series Terminal Connector is designed for ACSR and AAC conductors. Designed for 500 kV service. The terminal is fabricated from AFL seamless drawn aluminum.

Material

Aluminum Alloy

Notes

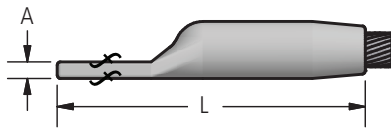
Other pad sizes can be custom ordered.



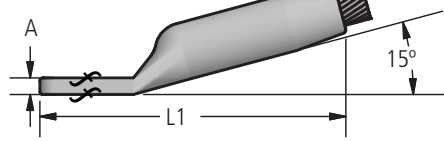
S5600-EHV



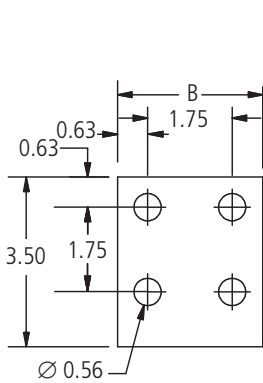
S5100-EHV



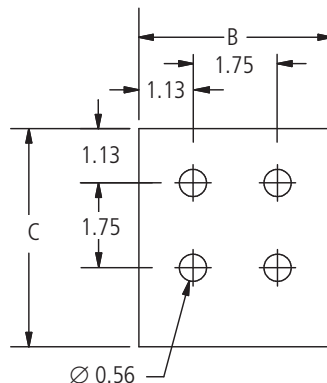
S5600-EHV



S5100-EHV



PAD D



PAD E

Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
STRAIGHT	15 DEGREE	ACSR OR AAC	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5624.938DEHV	S5124.938DEHV	ACSR	Flicker	477	24/7	0.846	24AH	0.50	3.00	—	9.25	10.25	D
		ACSR	Hawk	477	26/7	0.858							
		ACSR	Hen	477	30/7	0.883							
		ACSR	Osprey	556.5	18/1	0.879							
		AAC	Dahlia	556.5	19	0.856							
		AAC	Mistletoe	556.5	37	0.858							
AAC	Meadowsweet	600	37	0.891									
S5630.109EHV	S5130.109EHV	ACSR	Stilt	715.5	24/7	1.036	30AH	0.50	3.00	—	9.67	11.27	D
		ACSR	Starling	715.5	26/7	1.051							
		ACSR	Coot	795	36/1	1.040							
		AAC	Arbutus	795	37	1.026							
		AAC	Lilac	795	61	1.028							
		AAC	Heliotrope	800	37	1.031							
AAC	Heliotrope	800	61	1.031									
S5630.116EHV	S5130.116EHV	ACSR	Redwing	715.5	30/19	1.081	30AH	0.50	3.00	—	12.50	11.27	D
		ACSR	Tern	795	45/7	1.063							
		ACSR	Condor	795	54/7	1.093							
		ACSR	Drake	795	26/7	1.108							
		ACSR	Cuckoo	795	24/7	1.092							
		AAC	Snapdragon	900	61	1.094							

DOSSERT®

TYPE S5600-EHV, S5100-EHV (cont.)

Terminal Connectors

Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
STRAIGHT	15 DEGREE	ACSR OR AAC	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5630.116EEHV	S5130.116EEHV	ACSR	Redwing	715.5	30/19	1.081	30AH	1.00	4.00	4.50	12.50	11.29	E
		ACSR	Tern	795	45/7	1.063							
		ACSR	Condor	795	54/7	1.093							
		ACSR	Drake	795	26/7	1.108							
		ACSR	Cuckoo	795	24/7	1.092							
		AAC	Snapdragon	900	61	1.094							
S5630.122EHV	S5130.122EHV	ACSR	Mallard	795	30/19	1.140	30AH	0.40	3.00	—	12.50	11.27	D
		ACSR	Ruddy	900	45/7	1.131							
		ACSR	Canary	900	54/7	1.162							
		ACSR	Catbird	954	36/1	1.140							
		ACSR	Rail	954	45/7	1.165							
		AAC	Magnolia	954	37	1.124							
		AAC	Goldenrod	954	61	1.126							
		AAC	Camellia	1000	61	1.152							
		AAC	Bluebell	1033.5	37	1.170							
		AAC	Larkspur	1033.5	61	1.172							
S5630.122EEHV	—	ACSR	Mallard	795	30/19	1.140	30AH	0.50	4.00	4.50	10.05	—	E
		ACSR	Ruddy	900	45/7	1.131							
		ACSR	Canary	900	54/7	1.162							
		ACSR	Catbird	954	36/1	1.140							
		ACSR	Rail	954	45/7	1.165							
		AAC	Magnolia	954	37	1.124							
		AAC	Goldenrod	954	61	1.126							
		AAC	Camellia	1000	61	1.152							
		AAC	Bluebell	1033.5	37	1.170							
		AAC	Larkspur	1033.5	61	1.172							
—	S5130.122EEHV	ACSR	Mallard	795	30/19	1.140	30AH	1.00	4.00	4.50	—	11.27	E
		ACSR	Ruddy	900	45/7	1.131							
		ACSR	Canary	900	54/7	1.162							
		ACSR	Catbird	954	36/1	1.140							
		ACSR	Rail	954	45/7	1.165							
		AAC	Magnolia	954	37	1.124							
		AAC	Goldenrod	954	61	1.126							
		AAC	Camellia	1000	61	1.152							
		AAC	Bluebell	1033.5	37	1.170							
		AAC	Larkspur	1033.5	61	1.172							
S5630.125EHV	S5130.125EHV	ACSR	Cardinal	954	54/7	1.196	30AH	0.40	3.00	—	12.50	11.27	D
S5630.125EEHV	—	ACSR	Tanager	1033.5	36/1	1.186	30AH	0.50	4.00	4.00	10.03	—	E
		ACSR	Cardinal	954	54/7	1.196							
—	S5130.125EEHV	ACSR	Tanager	1033.5	36/1	1.186	30AH	1.00	4.00	4.50	—	11.25	E
		ACSR	Cardinal	954	54/7	1.196							
S5634.128EHV	S5134.128EHV	ACSR	Ortolan	1033.5	45/7	1.212	34AH	0.60	3.00	—	12.20	12.44	D
		AAC	Marigold	1113	61	1.216							
		ACSR	Curlew	1033.5	54/7	1.244							
S5634.134EHV	S5134.134EHV	ACSR	Bluejay	1113	45/7	1.259	34AH	0.60	3.00	—	12.20	12.44	D
		AAC	Hawthorn	1192.5	61	1.258							
		AAC	Narcissus	1272	61	1.300							
S5634.138EHV	S5134.138EHV	ACSR	Bunting	1192.5	45/7	1.302	34AH	0.60	3.00	—	12.20	12.44	D
		ACSR	Finch	1113	54/19	1.293							
S5636.144EHV	S5136.144EHV	ACSR	Bittern	1272	45/7	1.345	36AH	0.60	3.00	—	13.76	12.50	D
		ACSR	Grackle	1192.5	54/19	1.333							
		AAC	Columbine	1351	61	1.340							
		AAC	Carnation	1431	61	1.379							
S5636.144EEHV	S5136.144EEHV	ACSR	Bittern	1272	45/7	1.345	36AH	1.00	4.00	4.50	10.85	10.73	E
		ACSR	Grackle	1192.5	54/19	1.333							
		AAC	Columbine	1351	61	1.340							
		AAC	Carnation	1431	61	1.379							
S5636.147EHV	S5136.147EHV	ACSR	Pheasant	1272	54/19	1.382	36AH	0.60	3.00	—	13.76	12.50	D
		ACSR	Dipper	1351.5	45/7	1.386							
		ACSR		1500	91	1.412							
		AAC	Gladiolus	1510.5	61	1.187							

500 kV Compression Connectors

DOSSERT®

TYPE S5600-EHV, S5100-EHV (cont.)

Terminal Connectors

Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
STRAIGHT	15 DEGREE	ACSR OR AAC	CODE WORD	SIZE KCML	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5638.150EHV	S5138.150EHV	ACSR	Martin	1351.5	54/19	1.424	38AH	0.80	3.00	—	13.94	13.69	D
		ACSR	Bobolink	1431	45/7	1.427							
S5638.150EEHV	S5138.150EEHV	ACSR	Martin	1351.5	54/19	1.424	38AH	1.00	4.00	4.50	11.44	13.69	E
		ACSR	Bobolink	1431	45/7	1.427							
S5638.156EHV	S5138.156EHV	ACSR	Plover	1431	54/19	1.465	38AH	0.70	3.00	—	13.69	13.69	D
		ACSR	Nuthatch	1510.5	45/7	1.466							
		AAC	Coreopsis	1590	61	1.250							
		AAC	Dogwood	1590	91	1.454							
S5638.156EEHV	S5138.156EEHV	ACSR	Plover	1431	54/19	1.465	38AH	1.00	4.00	4.50	11.41	13.94	E
		ACSR	Nuthatch	1510.5	45/7	1.466							
		AAC	Coreopsis	1590	61	1.250							
		AAC	Dogwood	1590	91	1.454							
S5640.162EHV	S5140.162EHV	ACSR	Parrot	1510.5	54/19	1.506	40AH	0.70	4.00	4.50	15.58	14.88	E
		ACSR	Lapwing	1590	45/7	1.504							
		ACSR	Falcon	1590	54/19	1.545							
		AAC	Jessamine	1750	61	1.525							
S5640.162EEHV	S5140.162EEHV	ACSR	Parrot	1510.5	54/19	1.506	40AH	1.00	4.00	4.50	11.83	11.92	E
		ACSR	Lapwing	1590	45/7	1.504							
		ACSR	Falcon	1590	54/19	1.545							
		AAC	Jessamine	1750	61	1.525							
S5642.178EHV	S5142.178EHV	ACSR	Chukar	1780	84/19	1.602	42AH	0.70	4.00	4.50	15.91	15.50	E
		ACSR		2034	72/7	1.681							
		AAC	Cowslip	2000	91	1.630							
S5644.181EHV	S5144.181EHV	ACSR	Kiwi	2167	72/7	1.737	44AH	0.70	4.00	4.50	17.84	16.00	E
		AAC	Sagebrush	2250	91	1.729							
		AAC		2300	61	1.750							
		AAC		2300	91	1.750							
S5644.184EHV	S5144.184EHV	ACSR	Bluebird	2156	84/19	1.762	44AH	0.70	4.00	4.50	17.84	16.00	E
S5644.188EHV	S5144.188EHV	ACSR	Thrasher	2312	76/19	1.802	44AH	0.70	4.00	4.50	17.84	16.00	E
		AAC	Lupine	2500	91	1.823							
S5648.197EHV	S5148.197EHV	ACSR	Joree	2515	76/19	1.880	48AH	0.80	4.00	4.50	17.84	17.06	E
		AAC	Bitterroot	2750	91	1.912							