

## DOSSERT® TYPE S5600-45EHV, S5800EHV

### Terminal Connectors

The S5600-45EHV, S5800EHV 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

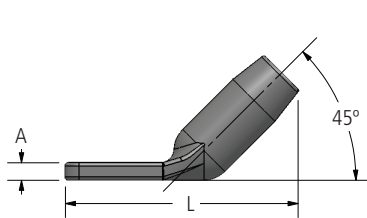
Other pad sizes can be custom ordered.



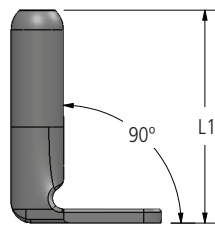
S5600-45EHV



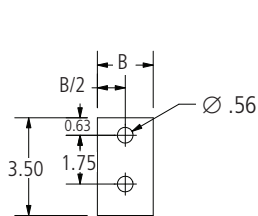
S5800EHV



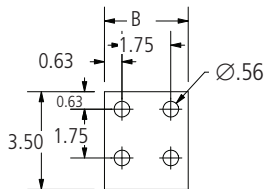
S5600-45EHV



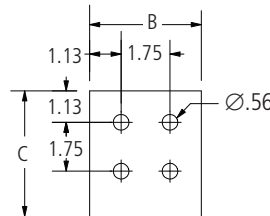
S5800EHV



PAD B



PAD D



PAD E

### Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5673.391-45EHV	S5873.391EHV	AAC	Poppy	1/0	7	0.368	73AH	0.20	1.00	—	5.04	5.04	B
S5674.438-45EHV	S5874.438EHV	ACSR	Raven	1/0	6/1	0.398	74AH	0.30	1.00	—	5.28	5.28	B
		AAC	Aster	2/0	7	0.414							
S5674.484-45EHV	S5874.484EHV	ACSR	Quail	2/0	6/1	0.447	74AH	0.30	1.00	—	5.28	5.28	B
		ACSR	Phlox	3/0	7	0.464							
S5675.547-45EHV	S5875.547EHV	ACSR	Pigeon	3/0	6/1	0.502	75AH	0.50	1.00	—	5.71	5.71	B
		AAC	Oxlip	4/0	7	0.522							
S5675.609-45EHV	S5875.609EHV	ACSR	Penguin	4/0	6/1	0.563	75AH	0.50	1.00	—	5.71	5.71	B
		AAC	Valerian	250	19	0.575							
		AAC	Laurel	266.8	19	0.593							
S5676.656-45EHV	S5876.656EHV	ACSR	Waxwing	266.8	18/1	0.609	76AH	0.60	1.30	—	5.35	5.35	B
		AAC	Peony	300	19	0.629							

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CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5676.688-45EHV	S5876.688EHV	ACSR	Owl	266.8	6/7	0.633	76AH	0.60	1.30	—	5.35	5.35	B
		ACSR	Partridge	266.8	26/7	0.642							
		AAC	Tulip	336.4	19	0.666							
S5620.719-45EHV	S5820.719EHV	AAC	Daffodil	350	19	0.679	20AH	0.50	1.30	—	6.13	6.13	B
S5676.719-45EHV	S5876.719EHV	ACSR	Ostrich	300	26/7	0.680	76AH	0.50	1.30	—	5.35	5.35	B
		ACSR	Merlin	336.4	18/1	0.684							
S5676.750-45EHV	S5876.750EHV	AAC	Canna	397.5	19	0.724	76AH	0.50	1.30	—	5.35	5.35	B
S5620.781-45EHV	S5820.781EHV	ACSR	Linnet	336.4	26/7	0.720	20AH	0.50	1.30	—	6.13	6.13	B
		ACSR	Oriole	336.4	30/7	0.741							
		ACSR	Chickadee	397.5	18/1	0.743							
S5676.781-45EHV	S5876.781EHV	ACSR	Linnet	336.4	26/7	0.720	76AH	0.50	1.30	—	5.35	5.35	B
			Chickdee	397.5	18/7	0.743							
S5620.812-45EHV	S5820.812EHV	ACSR	Brant	397.5	24/7	0.772	20AH	0.50	1.30	—	6.13	6.16	B
		AAC	Goldentuft	450	19	0.770							
		AAC	Yarrow	450	37	0.772							
		AAC	Cosmos	477	19	0.793							
		AAC	Syringa	477	37	0.795							
S5620.844-45EHV	S5820.844EHV	ACSR	Ibis	397.5	26/7	0.783	20AH	0.50	1.30	—	6.13	6.13	B
		ACSR	Lark		30/7	0.806							
S5624.875-45EHV	S5824.875EHV	ACSR	Pelican	477	18/1	0.814	24AH	0.60	1.50	—	7.58	7.58	B
		AAC	Cosmos		19	0.793							
		AAC	Syringa		37	0.795							
		AAC	Zinnia	500	19	0.811							
		AAC	Hyacinth		37	0.813							
S5624.938-45EHV	S5824.938EHV	ACSR	Flicker	477	24/7	0.846	24AH	0.60	1.50	—	7.58	7.58	B
			Hawk		26/7	0.858							
			Hen		30/7	0.883							
			Osprey		18/1	0.879							
		AAC	Dahlia	556.5	19	0.856							
			Mistletoe		37	0.858							
			Meadow-sweet		600	37							
S5624.969-45EHV	S5824.969EHV	ACSR	Parakeet	556.5	24/7	0.914	24AH	0.60	1.50	—	7.58	7.58	B
			Dove		26/7	0.927							
		AAC	Orchid	636	37	0.918							
			Heuchera	650		0.928							

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CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5630.109-45EHV	S5830.109EHV	ACSR	Stilt	715.5	24/7	1.036	30AH	0.50	3.00	—	7.63	7.63	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	—	800	37	1.031							
		AAC	Heliotrope	800	61	1.031							
S5630.116-45EHV	S5830.116EHV	ACSR	Redwing	715.5	30/19	1.081	30AH	0.50	3.00	—	7.63	7.63	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							
S5630.122-45EHV	S5830.122EHV	ACSR	Mallard	795	30/19	1.140	30AH	0.40	3.00	—	7.63	7.63	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							
S5630.125-45EHV	S5830.125EHV	ACSR	Cardinal	954	54/7	1.196	30AH	0.40	3.00	—	7.63	7.63	D
		ACSR	Tanager	1033.5	36/1	1.186							
S5634.128-45EHV	S5834.128EHV	ACSR	Ortolan	1033.5	45/7	1.212	34AH	0.60	3.00	—	8.20	8.20	D
		AAC	Marigold	1113	61	1.216							
S5634.134-45EHV	S5834.134EHV	ACSR	Curlew	1033.5	54/7	1.244	34AH	0.60	3.00	—	8.20	8.20	D
		ACSR	Bluejay	1113	45/7	1.259							
		AAC	Hawthorn	1192.5	61	1.258							
S5634.138-45EHV	S5834.1238EHV	AAC	Narcissus	1272	61	1.300	34AH	0.60	3.00	—	8.20	8.20	D
		ACSR	Bunting	1192.5	45/7	1.302							
		ACSR	Finch	1113	54/19	1.293							

500 kV Compression Connectors

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#### Terminal Connectors

#### Ordering Information (cont.)

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5636.144-45EHV	S5836.144EHV	ACSR	Bittern	1272	45/7	1.345	36AH	0.60	3.00	—	8.23	8.23	D
		ACSR	Grackle	1192.5	54/19	1.333							
		AAC	Columbine	1351	61	1.340							
		AAC	Carnation	1431	61	1.379							
S5636.147-45EHV	S5836.147EHV	ACSR	Pheasant	1272	54/19	1.382	36AH	0.60	3.00	—	8.23	8.23	D
		ACSR	Dipper	1351.5	45/7	1.386							
		ACSR	—	1500	91	1.412							
		AAC	Gladiolus	1510.5	61	1.187							
S5638.150-45EHV	S5838.150EHV	ACSR	Martin	1351.5	54/19	1.424	38AH	0.80	3.00	—	8.85	8.85	D
		ACSR	Bobolink	1431	45/7	1.427							
S5638.156-45EHV	S5838.156EHV	ACSR	Plover	1431	54/19	1.465	38AH	0.70	3.00	—	8.85	8.85	D
		ACSR	Nuthatch	1510.5	45/7	1.466							
		AAC	Coreopsis	1590	61	1.250							
		AAC	Dogwood	1590	91	1.454							
S5638.156-45EEHV	—	ACSR	Plover	1431	54/19	1.465	38AH	1.00	4.00	4.50	7.31	7.31	E
		ACSR	Nuthatch	1510.5	45/7	1.466							
		AAC	Coreopsis	1590	61	1.250							
		AAC	Dogwood	1590	91	1.454							
—	S5838.156EEHV	ACSR	Plover	1431	54/19	1.465	38AH	0.50	4.00	4.00	7.31	7.31	E
		ACSR	Nuthatch	1510.5	45/7	1.466							
		AAC	Coreopsis	1590	61	1.250							
		AAC	Dogwood	1590	91	1.454							
S5640.162-45EHV	S5840.162EHV	ACSR	Parrot	1510.5	54/19	1.506	40AH	0.70	3.00	—	9.95	9.95	D
		ACSR	Lapwing	1590	45/7	1.504							
		ACSR	Falcon	1590	54/19	1.545							
		AAC	Jessamine	1750	61	1.525							
S5642.178-45EHV	S5842.178EHV	ACSR	Chukar	1780	84/19	1.602	42AH	0.70	4.00	4.50	10.28	10.28	E
		ACSR	—	2034	72/7	1.681							
		AAC	Cowslip	2000	91	1.630							
S5644.181-45EHV	S5844.181EHV	ACSR	Kiwi	2167	72/7	1.737	44AH	0.70	4.00	4.50	10.72	10.72	E
		AAC	Sagebrush	2250	91	1.729							
		AAC	—	2300	61	1.750							
		AAC	—	2300	91	1.750							

500 kV Compression Connectors

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#### Terminal Connectors

#### Ordering Information (cont.)

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES					PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	C	L	L1	
S5644.184-45EHV	S5844.184EHV	ACSR	Bluebird	2156	84/19	1.762	44AH	0.70	4.00	4.50	10.72	10.72	E
S5644.188-45EHV	S5844.188EHV	ACSR	Thrasher	2312	76/19	1.802	44AH	0.70	4.00	4.50	10.72	10.72	E
		AAC	Lupine	2500	91	1.823							
S5648.197-45EHV	S5848.197EHV	ACSR	Joree	2515	76/19	1.880	48AH	0.80	4.00	4.50	11.35	11.35	E
		AAC	Bitterroot	2750	91	1.912							