

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

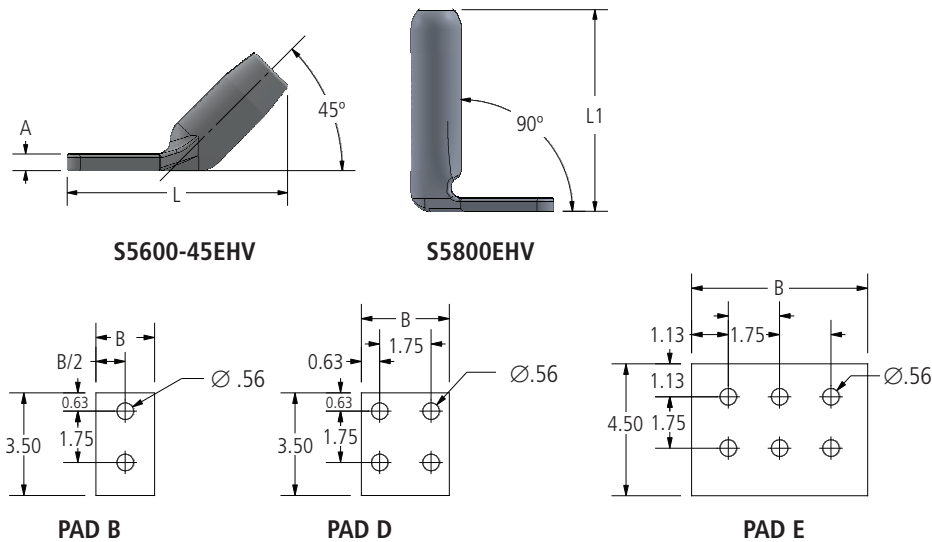
Other pad sizes can be custom ordered.



S5600-45EHV



S5800EHV



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	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						
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						

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45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	L	L1	
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	0.72	20AH	0.5	1.3	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	0.72	76AH	0.50	1.3	5.35	5.35	B
		ACSR	Chickadee	397.5	18/7	0.743						
S5620.812-45EHV	S5820.812EHV	ACSR	Brant	397.5	24/7	0.772	20AH	0.50	1.3	6.13	6.13	B
		AAC	Goldentuft	450	19	0.77						
		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	1.3	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	1.5	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	1.5	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	0.586						
			Mistletoe		37	0.858						
			Meadow-sweet		600	37						
S5624.969-45EHV	S5824.969EHV	ACSR	Parakeet	556.5	24/7	0.914	24AH	0.60	1.5	7.58	7.58	B
			Dove		26/7	0.927						
		AAC	Orchid	636	37	0.918						
			Heuchera	650		0.928						

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45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	L	L1	
S5630.10945EHV	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						
S5630.11645EHV	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						
		AAC	Narcissus	1272	61	1.300						
S5634.138-45EHV	S5834.1238EHV	ACSR	Bunting	1192.5	45/7	1.302	34AH	0.60	3.00	8.20	8.20	D
		ACSR	Finch	1113	54/19	1.293						

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45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES		A	B	L	L1	
S5636.144-45EHV	S5836.14EHV	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	S5838.156EEHV	ACSR	Plover	1431	54/19	1.465	38AH	1.00	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	S5838.156EHV	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	S5840.162EHV	ACSR	Chukar	1780	84/19	1.602	42AH	0.70	4.00	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	10.72	10.72	E
		AAC	Sagebrush	2250	91	1.729						
		AAC	—	2300	61	1.750						
		AAC	—	2300	91	1.750						
S5644.184-45EHV	S5844.184EHV	ACSR	Bluebird	2156	84/19	1.762	44AH	0.70	4.00	10.72	10.72	E
		ACSR	Thrasher	2312	76/19	1.802						
S5644.188-45EHV	S5844.188EHV	ACSR	—	2500	91	1.823	44AH	0.70	4.00	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	11.35	11.35	E
		AAC	Bitterroot	2750	91	1.912						