

DRAWING NO.
SD064927-01

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CONDUCTOR ACSR-ALUM-ACAR ALL STRANDING	CATALOG NO.	FIG. NO.	C	L	O.D.	T	INSTALLATION DATA OVERLAP CRIMPS								
							BURNDY HYPRESS & DIE SET		ALCOA DIE SET		T & B DIE SET		ACA DIES		
							TOOL DIE NO.	Y60B	150B	H2H	T&B 21940 TYPE PRESS	60 TON PRESS	100 TON PRESS		
300-336.4 kcmil [152.0-170.5 sq mm] ACSR 336.4-350 kcmil [170.5-177.4 sq mm] ALUM. 395.1-395.2 kcmil [200.2-200.3 sq mm] ACAR.	YNA32R15	2	1.68 [42.7]	8.92 [226.6]	1.19 [30.2]	.39 [9.9]	717	L717	M717	H717	96	--	--		
397.5 kcmil [201.4 sq mm] ACSR 397.5-477 kcmil [201.4-241.7 sq mm] ALUM	YNA34R15		1.78 [45.2]	9.31 [236.5]	1.30 [33.0]	.46 [11.7]	719	L719	M719	H719	106	6020AH	10020AH		
477 kcmil [241.7 sq mm] ACSR 500-556.5 kcmil [253.4-282.0 sq mm] ALUM	YNA36R15	2	1.96 [49.8]	9.62 [244.4]	1.41 [35.8]	.48 [12.2]	720	L720	M720	H720	115	--	--		
556.5 kcmil [282 sq mm] ACSR 600-650 kcmil [304.0-329.4 sq mm] ALUM 634.9-653.1 kcmil [321.7-330.9 sq mm] ACAR	YNA39R15		2.08 [52.8]	10.09 [256.3]	1.50 [38.1]	.53 [13.5]	722	L722	M722	H722	125	6024AH	10024AH		
605-666.6 kcmil [306.6-337.8 sq mm] ACSR 700-800 kcmil [354.7-405.4 sq mm] ALUM	YNA43R15	2	3.07 [78.0]	10.16 [258.1]	1.61 [40.9]	.36 [9.1]	724	L724	M724	H724	140	--	--		
715.5-874.5 kcmil [362.5-443.1 sq mm] ACSR 795-1000 kcmil [402.8-506.7 sq mm] ALUM 840.2-927.2 kcmil [425.7-469.8 sq mm] ACAR	YNA45I1R15		10.21 [259.3]	1.80 [45.7]	.45 [11.4]		725	L725	M725	H725	150	--	--		
900-1113 kcmil 45-7 STR [456.0-564.0 sq mm] ACSR 1033.5-1272 kcmil [523.7-644.5 sq mm] ALUM 983.1-1198 kcmil [498.1-607.0 sq mm] ACAR	YNA49R15	2	10.35 [262.9]	1.97 [50.0]	.52 [13.2]		727	L727	M727	H727	161	6030AH	10030AH		
1113 54-19 STR-1351.5 kcmil [564.0-684.8 sq mm] ACSR 1351.5-1510 kcmil [684.8-765.1 sq mm] ALUM 1277-1280 kcmil [647.1-648.6 sq mm] ACAR	YNA52R15		3.22 [81.8]	12.09 [307.1]			728	L728	M728	H728	189	6036AH	10036AH		
1431 kcmil [725.1 sq mm] ACSR 1590-1600 kcmil [805.7-810.7 sq mm] ALUM 1534-kcmil [777.3 sq mm] ACAR	YNA54R15	1		2.25 [57.2]	.71 [18.0]		728	L728	M728	H728	189	6036AH	10036AH		
1510.5-1590 kcmil [765.4-805.7 sq mm] ACSR 1700-1800 kcmil [861.4-912.1 sq mm] ALUM 1650 kcmil 42-19 STR [836.1 sq mm] ACAR	YNA56R15		3.44 [87.4]	12.50 [317.5]		.81 [20.6]	729	L729	M729	H729	204	6040AH	10040AH		
1780 kcmil [901.9 sq mm] ACSR 2000 kcmil [1013.4 sq mm] ALUM	YNA58R15	1	3.47 [88.1]	13.25 [336.6]	2.50 [63.5]	.76 [19.3]	735	L735	M735	H735	212, 214	--	--		
2156-2167 kcmil [1092.5-1098.0 sq mm] ACSR 2250-2300 kcmil [1140.1-1165.4 sq mm] ALUM	YNA59R15		3.57 [90.7]	13.12 [333.3]		.61 [15.5]					214	--	--		
2300 kcmil [1165.4 sq mm] ACSR 2500 kcmil [1266.8 sq mm] ALUM 2267-2500 kcmil [1148.7-1266.8 sq mm] ACAR	YNA594R15	8	3.70 [94.0]	12.81 [325.4]	2.60 [66.0]	.68 [17.3]	740	L740	M740	H740	----	--	--		
2032.1-2034.5 kcmil [1029.7-1030.9 sq mm] ACSR	YNA585R15		3.57 [90.7]	13.41 [340.6]	2.50 [63.5]	.75 [19.1]	735	L735	M735	H735	214	--	--		

- NOTES:
- 1 BARRELS PRE-FILLED WITH PENETROX™ & SEALED.
 - 2 THE DIES LISTED ARE MANUFACTURED BY BURNDY® CORP. FOR USE IN ALCOA H2H&150B PRESSES.
 - 3 THE EQUIVALENT T&B DIE INDEXES ARE LISTED FOR YOUR CONVENIENCE.
 - 4 TONGUE COATED WITH AN OXIDE RETARDANT.
 5. TO SPECIFY HYLUG™ INCLUDING HARDWARE: ADD SUFFIX H TO RESPECTIVE CAT.NO e.g. YNA45I1R15H.
 - 6 THE 15° ANGLE PAD HYLUGS™ WHEN COMBINED WITH THE 15° ANGLE PAD DEAD ENDS PER SD063949-01 ALLOW TAPS TO BE MADE OF ZERO OR 30° ORIENTATION.
 7. RECOMMENDED TORQUE:
1/2" DIA. ALUM.BOLTS-300 IN-LB.[34Nm]
 - 8 MODEL 100A ALCOA COMPRESSOR CAN BE USED WITH MH814 DIE SET.
 9. CONNECTOR IS INDIVIDUALLY PACKAGED & SEALED IN POLYTUBE.
 10. INTERPRET DRAWINGS AS PER ASME Y14.5M-1994.
 11. BREAK ALL SHARP EDGES UNLESS OTHERWISE SPECIFIED.
 12. DIMENSION IN BRACKETS [] DENOTE METRIC UNITS [SI UNITS] AND ARE ROUNDED TO THE NEAREST WHOLE NUMBER. UNLESS OTHERWISE SPECIFIED THESE UNITS SHALL BE USED FOR REFERENCE ONLY.

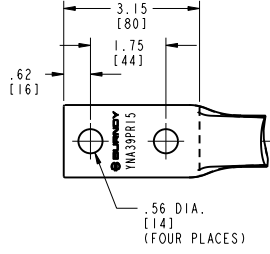


FIG. 2

MATERIAL:
ALUM. TUBE.

REFERENCE:
SD064930-01 FOR E.H.V. DESIGN

STRAIGHT DESIGN SEE SD062922-01

REV	DATE	DESCRIPTION	ECO	BY	C.H.K.
C	7/12/2010 12:00:00 AM	ADD ACA DIE NUMBERS TO SD 064921 AND SD064930	21569	MB	NG

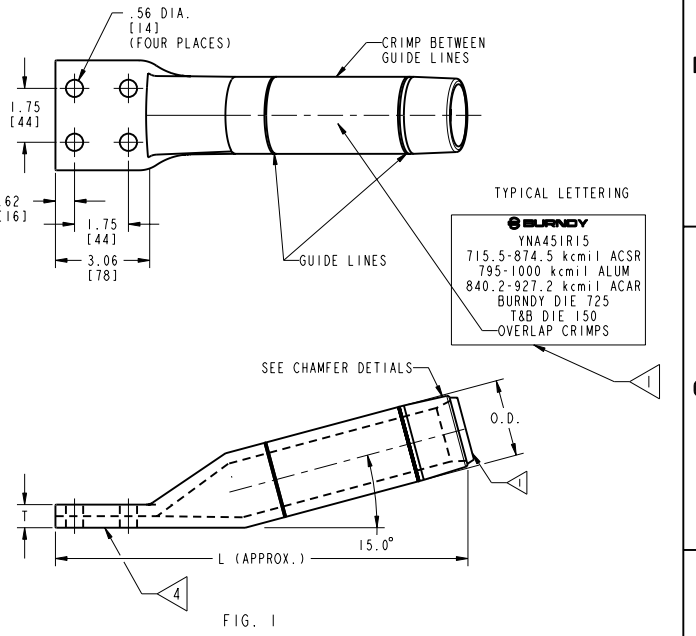
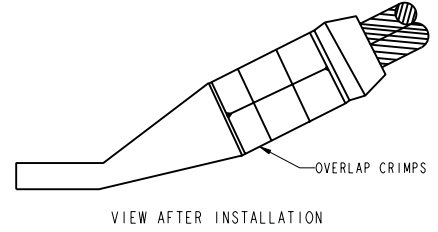


FIG. 1



INSTALLATION INSTRUCTION ON DWG. 30002494

SUPERSEDES SD64927-4.

TO ORDER BURNDY® PRODUCTS CALL		HYLUG™ (ACSR-AAC-ACAR) 250 KV & BELOW	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: N/A	SCALE: 0.500
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YNA-R15 (TABLE) 6	DRAWING NO: SD064927-01
FOR PRODUCT INFO: http://www.burndy.com		CHECKER: S.D.C. 4-27-71	REV: C
		DSN APPVL: J.P.S. 5-12-71	SHEET 1 OF 1
		WFG APPVL: --	
		QA APPVL: --	
		MKT APPVL: --	
		PROD FAM: CMAR COMPRESSION	
		DOCUMENT TYPE: Sales	
		REL LEVEL: Released	

REV: PEC000

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