

DRAWING NO. SD029071-01		7		6		5		4		3		2		1							
CATALOG NUMBER 21011	COPPER CONDUCTOR		STUD SIZE	FIG. NO.	DIMENSIONS					INSTALLATION TOOLING (# CRIMPS)											
	SIZE	STR.			B MIN	C	L REF.	O.D.	T	DIE INFORMATION		MECHANICAL RATCHET		HYDRAULIC					KEARNEY DIE WH-TOOL	WIRE STRIP LENGTH	
										DIE INDEX	TYPE	OUR840	MD6/MD7	Y35, Y39, Y750, PAT35, PAT750	4 Y46	3 Y45	Y48B	Y60BHU			
YCA36-2N	600 kcmil (.893)	37, 61	1/2"	1	2.19 [56]	2.10 [53]	6.30 [160]	1.55 [39]	.58 [15]	576	DIE SET	----	----	----	----	----	C576 (2)	L576 (2)	----	2-1/4"	
YCAB36-4N	600 kcmil (.893)	37, 61		2	2.19 [56]	3.00 [76]	6.59 [167]	1.55 [39]	.50 [13]	576	DIE SET	----	----	----	----	----	C576 (2)	L576 (2)	----	2-1/4"	
YCA39-2N	750 kcmil (.998)	37, 61		1	3.00 [76]	2.31 [59]	7.22 [183]	1.70 [43]	.64 [16]	627	DIE SET	----	----	----	----	----	C627 (3)	L627 (2)	----	3-1/16"	
YCAB39-4N	750 kcmil (.998)	37, 61		2	3.00 [76]	3.00 [76]	8.53 [217]	1.70 [43]	.50 [13]	627	DIE SET	----	----	----	----	----	C627 (3)	L627 (2)	----	3-1/16"	
YCAB40-4N	800 kcmil (1.031)	37, 61		2	3.00 [76]	3.00 [76]	8.53 [217]	1.70 [43]	.50 [13]	627	DIE SET	----	----	----	----	----	C627 (3)	L627 (2)	----	3-1/16"	
YCAB40-4NW	800 kcmil (1.031)	37, 61		2	3.00 [76]	3.00 [76]	8.53 [217]	1.70 [43]	.50 [13]	627	DIE SET	----	----	----	----	----	C627 (3)	L627 (2)	----	3-1/16"	
YCA44-2N	1000 kcmil (1.152)	61		1	3.29 [84]	2.71 [69]	8.04 [204]	2.00 [51]	.73 [19]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"	
YCAB44-2N	1000 kcmil (1.152)	61		9 2	3.31 [84]	2.00 [51]	7.80 [198]	2.00 [51]	.50 [13]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"	
YCAB44-4N	1000 kcmil (1.152)	61		2	3.31 [84]	3.00 [76]	7.80 [198]	2.00 [51]	.62 [16]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"	
YCAB47-4N	1750 kcmil (1.526)	91, 127		2	3.38 [86]	3.00 [76]	7.93 [201]	1.98 [50]	.50 [13]	----	DIE SET	----	----	----	----	----	C47R (3)	----	----	3-7/16"	
YCA44-4N	1000 kcmil (1.152)	61		15 1 & 2	3.29 [84]	3.00 [76]	8.14 [207]	2.00 [51]	.71 [18]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"	
YCA45-2N	1250 kcmil (1.284)	61		1	3.29 [84]	2.71 [69]	8.04 [204]	2.00 [51]	.73 [19]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"	
YCA44A - 2NG2	1000 kcmil (1.152)	61	1	3.29 [84]	2.71 [69]	11 [280]	2.00 [51]	.625 [16]	345	DIE SET	----	----	----	----	----	C345 (4)	L345 (4)	----	3-3/8"		
NOTES: 1 MATERIAL: [FIG.1] COPPER TUBING. 13 [FIG.2] TIN PLATED CAST COPPER ALLOY TONGUE WITH COPPER SLEEVE. 2 WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINIUM SURFACE ADD -W TO THE END OF THE CATALOG NUMBER. THE CONNECTOR WILL THEN BE SUPPLIED HOT TIN DIPPED. WHEN INSTALLING CONNECTOR, SCRATCH BRUSH THE ALUMINIUM SURFACE, BUT NOT THE PLATED CONNECTOR, AND APPLY PENETROX™ 'A' TO BOTH SURFACES. THESE COPPER CONNECTORS ARE NOT TO BE USED ON ALUMINIUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT. 3 CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS. 4 CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS. 5 2 CRIMPS MADE SIMULTANEOUSLY. 6 3 CRIMPS MADE SIMULTANEOUSLY. 7 4 CRIMPS MADE SIMULTANEOUSLY. 8 CRIMPS OVERLAP. 9 2 HOLES NEMA TONGUE. 10 OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT' TO CAT. NO. EXAMPLE: YCABIC-2NDT CONNECTOR IS TIN PLATED. 11 FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD THE SUFFIX "O" TO THE CAT. NO. ALL CAT. NO. CAN BE ORDERED WITH ADDITIONAL PLATING BY ADDING THE SUFFIX, ie. TN = TIN-PLATED, SV=SILVER PLATED, AND NK=NICKEL PLATED. 12 DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY. 13 YCAB--N (FIG. 2) ASSEMBLY IS ELECTRO-TIN PLATED. 14 FOR FASTER INSTALLATIONS USE BURNDY PATRIOT FAMILY OF BATTERY TOOLS. 15 YCA44-4N IS MADE FROM TUBING AS SHOWN IN FIG. 1, BUT HAS A 4 HOLE NEMA HOLE PATTERN SIMILAR TO FIG. 2.																					
FIG. 1										FIG. 2											
TO ORDER BURNDY® PRODUCTS CALL UNITED STATES 1-800-346-4175 (LONDONDERRY, NH) CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) FOR PRODUCT INFO: http://www.burndy.com										HYLUG™ (COPPER) NEMA ITEM NO: -- CAT. NO: YCA--, YCAB-- (TABLE) DRAWN BY: J. AYER 07/17/96 CHECKER: J. MICHAUD 07/18/96 DSN APPVL: A. BRAZEAU 04/17/96 MFG APPVL: N/A -- QA APPVL: J. BRODEUR 05/13/96 MKT APPVL: R. PELLETIER 05/13/96 PROD FAM: Overhead Bare Clamps PROJECT #: -- DOCUMENT TYPE: Sales REL LEVEL: Released BURNDY SCALE: 1:1 DRAWING NO: SD029071-01 SHEET 4 OF 4 J											
REV: PE0200																					
8		7		6		5		4		3		2		1							
REV		DATE		DESCRIPTION		ECO		BY		C'H'K.											
J		2019-04-05 00:00:00 EDT		DRAWING UPDATED AS PER REQUEST		51202		YR		VS											