

DRAWING NO. 5029071		7		6		5		4		3		2		1							
CATALOG NUMBER 	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	OURB40	MD6/MD7	Y35, Y39, Y750, BAT35, BAT750	Y46	Y45	Y48B	Y60BHU			
YCA4W-2N	#4 SOL (.204)	1	1/2"	2	1.27 [32]	1.25 [32]	5.12 [130]	.38 [10]	.25 [6]	162	DIE SET	W162 (4)	W162 (4)	U162 (1)	U162 (1)	U162 (1)	C162 (4)	-----	-----	1-3/8"	
YCA4C-2N	#4 STR. (.232)	7		2	1.34 [34]	1.25 [32]	5.16 [131]	.40 [10]	.25 [6]	162	DIE SET	W162 (4)	W162 (4)	U162 (1)	U162 (1)	U162 (1)	C162 (4)	-----	-----	1-7/16"	
YCA2C-2N	#2 STR. (.291)	7		2	1.19 [30]	1.00 [25]	5.25 [133]	.50 [13]	.16 [4]	163	DIE SET	W163 (3)	W163 (3)	U163 (3)	U163 (3)	U163 (3)	C163 (2)	-----	-----	1-1/4"	
YCA2C-4N	#2 STR. (.292)	7		2	1.19 [30]	3.00 [76]	5.25 [133]	.50 [13]	.16 [4]	163	DIE SET	W163 (3)	W163 (3)	U163 (3)	U163 (3)	U163 (3)	C163 (2)	-----	-----	1-1/4"	
YCA1C-2N	#1 STR. (.332)	7, 19		2	1.54 [39]	1.25 [32]	5.50 [140]	.56 [14]	.25 [6]	164 OR 275	DIE SET	-----	W164 (4)	U164 (4)	U164 (4)	U164 (4)	C164 (2)	-----	-----	1-5/8"	
YCA25-2N	1/0 STR. (.372)	7, 19		1	1.57 [40]	.91 [23]	5.34 [136]	.62 [16]	.19 [5]	165	DIE SET	X165 (6)	W165 (6)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	C165 (1)	L165 (1)	5/8 (1)	1-5/8"	
YCA25-4N	1/0 STR. (.372)	19		2	1.57 [40]	3.00 [76]	5.75 [146]	.62 [16]	.19 [5]	165	DIE SET	X165 (6)	W165 (6)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	C165 (1)	L165 (1)	-----	1-5/8"	
YCA3K8-2N	3-#8 (.277) EXTRA HIGH STRENGTH COPPERWELD CABLE	---		2	1.49 [38]	1.00 [25]	5.53 [140]	.67 [17]	.19 [5]	205	DIE SET	X165 (6)	W165 (6)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	C165 (1)	L165 (1)	-----	1-9/16"	
YCA3K8-4N		---	2	1.49 [38]	3.00 [76]	5.39 [137]	.67 [17]	.19 [5]	205	DIE SET	X165 (6)	W165 (6)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	U165 (3) / U205 (3)	C165 (1)	L165 (1)	-----	1-9/16"		

NOTES:

- MATERIAL: (FIG. 1) COPPER TUBING
(FIG. 2) CAST COPPER ALLOY TONGUE WITH COPPER SLEEVE

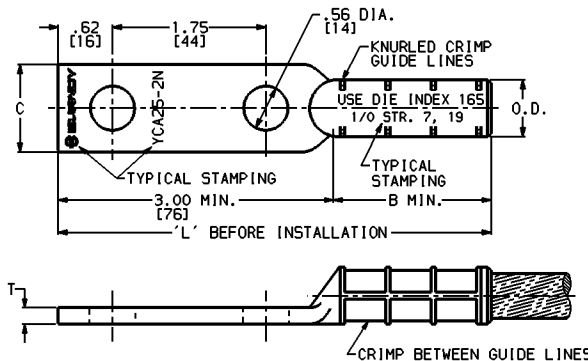
2. WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINUM SURFACE ADD -W TO THE END OF THE CATALOG NUMBER. THE CONNECTOR WILL THEN BE SUPPLIED HOT TIN DIPPED. WHEN INSTALLING CONNECTOR, SCRATCH BRUSH THE ALUMINUM SURFACE, BUT NOT THE PLATED CONNECTOR, AND APPLY PENETROX™ 'A' TO BOTH SURFACES. THESE COPPER CONNECTORS ARE NOT TO BE USED ON ALUMINUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT.

- CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.
- CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.
- 2 CRIMPS MADE SIMULTANEOUSLY.
- 3 CRIMPS MADE SIMULTANEOUSLY.
- 4 CRIMPS MADE SIMULTANEOUSLY.
- CRIMPS OVERLAP.
- 2 HOLE NEMA TONGUE.

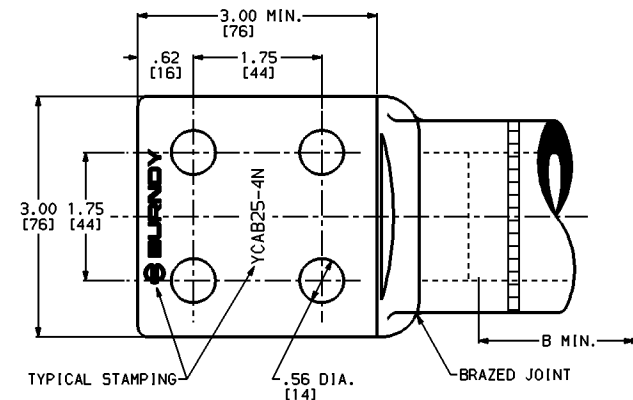
10. OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT' TO CAT. NO. EXAMPLE: YCA1C-2NDT CONNECTOR IS TIN PLATED.

11. FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD THE SUFFIX 'Q' TO THE CAT. NO.

- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.



YCA---2N
FIG. 1

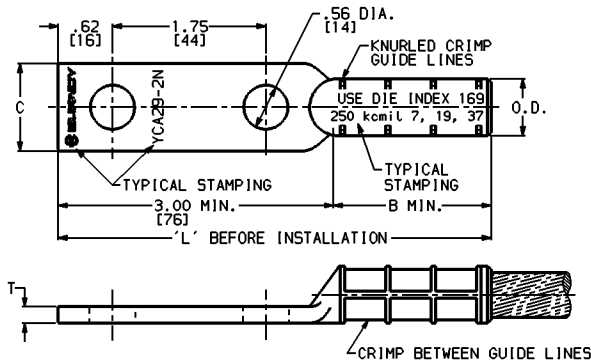


YCA25-4N
FIG. 2

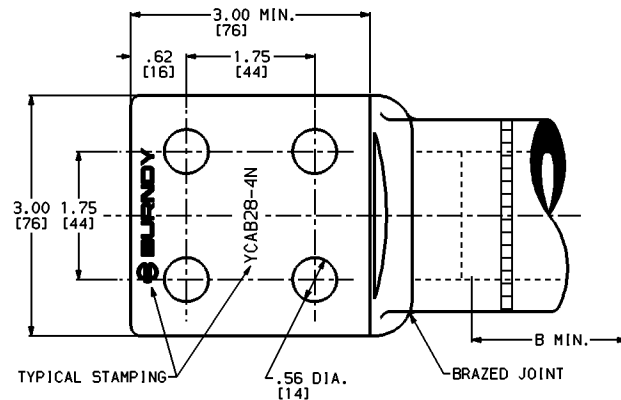
HYLUG™ (COPPER) NEMA			
CAT NO: YCA-2N, YCA-NH, YCA-NDT	SCALE	N/A	
YCA2-2N, YCA2-4N (TABLE)	7/12/60	7/12/60	
DRAWN BY: BAL	CHECKED: AKK	7/12/60	
DESIGN APPVL: MD	7/12/60	MD APPVL: N/A	
G.A. APPVL: J BRODEUR	5/10/96	MD APPVL: R PELLETIER	
CAD FILE: SD29071-SHT01	PM REF: N/A	MD REF: N/A	
FRAMATOME CONNECTORS USA INC.		BUNDY ELECTRICAL	
MANCHESTER, NH 03108		U. S. A.	
1-800-346-4175		DRAWING NO. SD29071	
PROJECT: .		SHEET 1 OF 4	

45	7/11/96	REDRAWN TO CAD, UPDATED TABLE, NOTES, FORMAT AND SPEC.S. SEE M/U FOR SPECIFICS (PCN 2849)	JWA	JLM
REV.	DATE	DESCRIPTION	BY	C'K'D.

FORMING NO. 5029071		7		6		5		4		3		2		1						
	CATALOG NUMBER	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	OURB40	MD6/MD7	Y35, Y39, Y750, BAT35, BAT750		 Y46	 Y45		
YCA26-2N	2/0 STR. (.419)	7, 19 37	1/2"	1	1.72 [44]	.97 [25]	5.27 [134]	.71 [18]	.26 [7]	166 OR 206	DIE SET	-----	W166(6)	U166(3)/U459(3)	U166(3)/U459(3)	U166(3)/U459(3)	C166(1)	L166(1)	5/8(1)	1-13/16"
YCA27-2N	3/0 STR. (.470)	7, 19		1	1.69 [43]	1.08 [27]	5.33 [135]	.79 [20]	.29 [7]	167, 207 OR 211	DIE SET	-----	W167(6)	U167(3)/U568(3)	U167(3)/U568(3)	U167(3)/U568(3)	C167(1)	L167(1)	7/37	1-3/4"
YCA7B-2N	4/0 SOL. (.460)	1		1	1.50 [38]	1.13 [29]	5.12 [130]	.86 [22]	.37 [9]	168 OR 208	DIE SET	-----	-----	U168(3)	U168(3)	U168(3)	C168(1)	L168(1)	-----	1-9/16"
YCA28-2N	4/0 STR. (.552)	7, 12 19		1	1.62 [41]	1.22 [31]	5.35 [136]	.89 [23]	.30 [8]	168 OR 208	DIE SET	-----	-----	U168(3)	U168(3)	U168(3)	C168(1)	L168(1)	-----	1-11/16"
YCA28-4N	4/0 STR. (.552)	7, 12 19		2	1.62 [41]	3.00 [76]	5.69 [145]	.89 [23]	.31 [8]	168 OR 208	DIE SET	-----	-----	U168(3)	U168(3)	U168(3)	C168(1)	L168(1)	-----	1-11/16"
YCA29-2N	250 kcmil (.575)	7, 19 37		1	1.81 [46]	1.28 [33]	5.52 [140]	.95 [24]	.34 [9]	169	DIE SET	-----	-----	U169(4)	U169(4)	U169(4)	C169(1)	L169(1)	-----	1-7/8"
YCA30-2N	300 kcmil (.630)	19, 37		1	1.71 [43]	1.42 [36]	5.54 [141]	1.05 [27]	.39 [10]	170	DIE SET	-----	-----	U170(5)	U170(5)	U170(5)	C170(1)	L170(1)	-----	1-13/16"
YCA30-4N	300 kcmil (.630)	19, 37		2	1.71 [43]	3.00 [76]	5.54 [141]	1.05 [27]	.25 [6]	170	DIE SET	-----	-----	U170(5)	U170(5)	U170(5)	C170(1)	L170(1)	-----	1-13/16"



YCA---2N
FIG. 1



YCAB---4N
FIG. 2

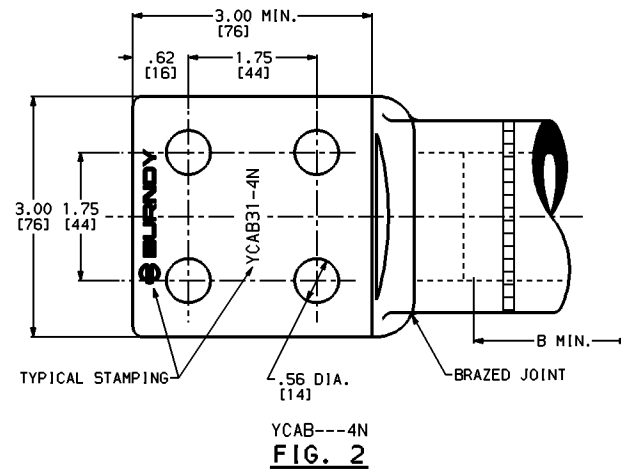
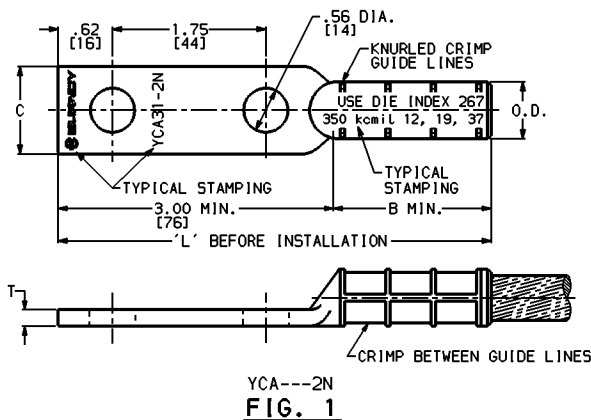
NOTES:

- MATERIAL: (FIG. 1) COPPER TUBING
(FIG. 2) CAST COPPER ALLOY TONGUE WITH COPPER SLEEVE
- WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINUM 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 ALUMINUM SURFACE, BUT NOT THE PLATED CONNECTOR, AND APPLY PENETROX™ 'A' TO BOTH SURFACES. THESE COPPER CONNECTORS ARE NOT TO BE USED ON ALUMINUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT.
- CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.
- CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.
- OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT' TO CAT. NO. EXAMPLE: YCAB1C-2NDT CONNECTOR IS TIN PLATED.
- FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD THE SUFFIX 'Q' TO THE CAT. NO.
- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

45	7/11/96	REDRAWN TO CAD, UPDATED TABLE, NOTES, FORMAT AND SPEC.S. SEE M/U FOR SPECIFICS (PCN 2849)	JWA	JLM
REV.	DATE	DESCRIPTION	BY	C'K'D.

HYLUG™ (COPPER) NEMA	
CAT NO: YCA-2N, YCA--NH, YCA--NDT	SCALE: NTS
YCA28-2N, YCA28-4N (TABLE)	DATE: 11/5/84
DRWN: T.E.D.	11/4/84 CHECKED: ANC
DSGN APPVL: MD	11/6/84 MFG APPVL: N/A
S.A. APPVL: J BRODEUR	6/10/96 MKTG APPVL: R PELLETIER
CAD FILE: SD29071-SHT02	PM REF: N/A
FRACTIONE CONNECTORS USA INC.	
BUNDY ELECTRICAL	
MANCHESTER, NH 03108	
U. S. A.	
1-800-346-4175	
DRAWING NO.	REV
SD29071	45
SHEET 2 OF 4	

5029071		7		6		5		4		3		2		1						
	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, BAT35, BAT750	 Y46	 Y45	Y48B			Y60BHU
YCA31-2N	350 kcmil (.710)	12, 19 37	1/2"	1	2.66 [68]	1.63 [41]	6.55 [166]	1.17 [30]	.43 [11]	267	DIE SET	-----	-----	U267 (6)	U267 (6)	U267 (6)	C267 (2)	L267 (2)	-----	2-3/4"
YCA31-4N	350 kcmil (.710)	12, 19 37		2	2.66 [68]	3.00 [76]	7.00 [178]	1.17 [30]	.38 [10]	267	DIE SET	-----	-----	U267 (6)	U267 (6)	U267 (6)	C267 (2)	L267 (2)	-----	2-3/4"
YCA32-2N	400 kcmil (.728)	19, 37		1	2.78 [71]	1.67 [42]	6.72 [171]	1.24 [31]	.48 [12]	209	DIE SET	-----	-----	U209 (6)	U209 (6)	U209 (6)	C209 (2)	L209 (2)	-----	2-7/8"
YCA32-4N	400 kcmil (.728)	19, 37		2	2.78 [71]	3.00 [76]	7.12 [181]	1.24 [31]	.25 [6]	209	DIE SET	-----	-----	U209 (6)	U209 (6)	U209 (6)	C209 (2)	L209 (2)	-----	2-7/8"
YCA33-2N	450 kcmil (.772)	37		1	2.78 [71]	1.67 [42]	6.72 [171]	1.24 [31]	.48 [12]	209	DIE SET	-----	-----	U209 (6)	U209 (6)	U209 (6)	C209 (2)	L209 (2)	-----	2-7/8"
YCA33-4N	450 kcmil (.772)	37		2	2.78 [71]	3.00 [76]	6.82 [173]	1.24 [31]	.19 [5]	209	DIE SET	-----	-----	U209 (6)	U209 (6)	U209 (6)	C209 (2)	L209 (2)	-----	2-7/8"
YCA34-2N	500 kcmil (.814)	19, 37		1	2.53 [64]	1.88 [48]	6.52 [166]	1.38 [35]	.51 [13]	210	DIE SET	-----	-----	U210 (6)	U210 (6)	U210 (6)	C210 (2)	L210 (2)	-----	2-5/8"
YCA34-4N	500 kcmil (.814)	19, 37		2	2.53 [64]	3.00 [76]	6.81 [173]	1.38 [35]	.38 [10]	210	DIE SET	-----	-----	U210 (6)	U210 (6)	U210 (6)	C210 (2)	L210 (2)	-----	2-5/8"



NOTES:

- MATERIAL: (FIG. 1) COPPER TUBING
(FIG. 2) CAST COPPER ALLOY TONGUE WITH COPPER SLEEVE
- WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINUM 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 ALUMINUM SURFACE, BUT NOT THE PLATED CONNECTOR, AND APPLY PENETROX™ 'A' TO BOTH SURFACES. THESE COPPER CONNECTORS ARE NOT TO BE USED ON ALUMINUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT.
- CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.
- CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.
- OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT' TO CAT. NO. EXAMPLE: YCAB1C-2NDT CONNECTOR IS TIN PLATED.
- FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD THE SUFFIX 'Q' TO THE CAT. NO.
- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

0	7/16/96	NEW SHEET ADDED PER (PCN 2849)	JWA	JLM
REV.	DATE	DESCRIPTION	BY	C'K'D.

HYLUG™ (COPPER) NEMA	
CAT NO: YCA-2N, YCA-NH, YCA-NDT	SCALE: NTS
YCA3-2N, YCA3-4N (TABLE)	
DRAWN: J AYER	7/16/96 CHECKED: J MICHAUD
DESIGN APPVL: A BRAZEAU	4/17/96 MFG APPVL: N/A
S.A. APPVL: J BRODEUR	6/10/96 MKTG APPVL: R PELLETIER
CAD FILE: SD29071-SHT03	PM REF: N/A
FRAMATOME CONNECTORS USA INC.	
BUNDY ELECTRICAL	
MANCHESTER, NH 03108	
U. S. A.	
1-800-346-4175	
DRAWING NO.	REV
SD29071	0
SHEET 3	OF 4

