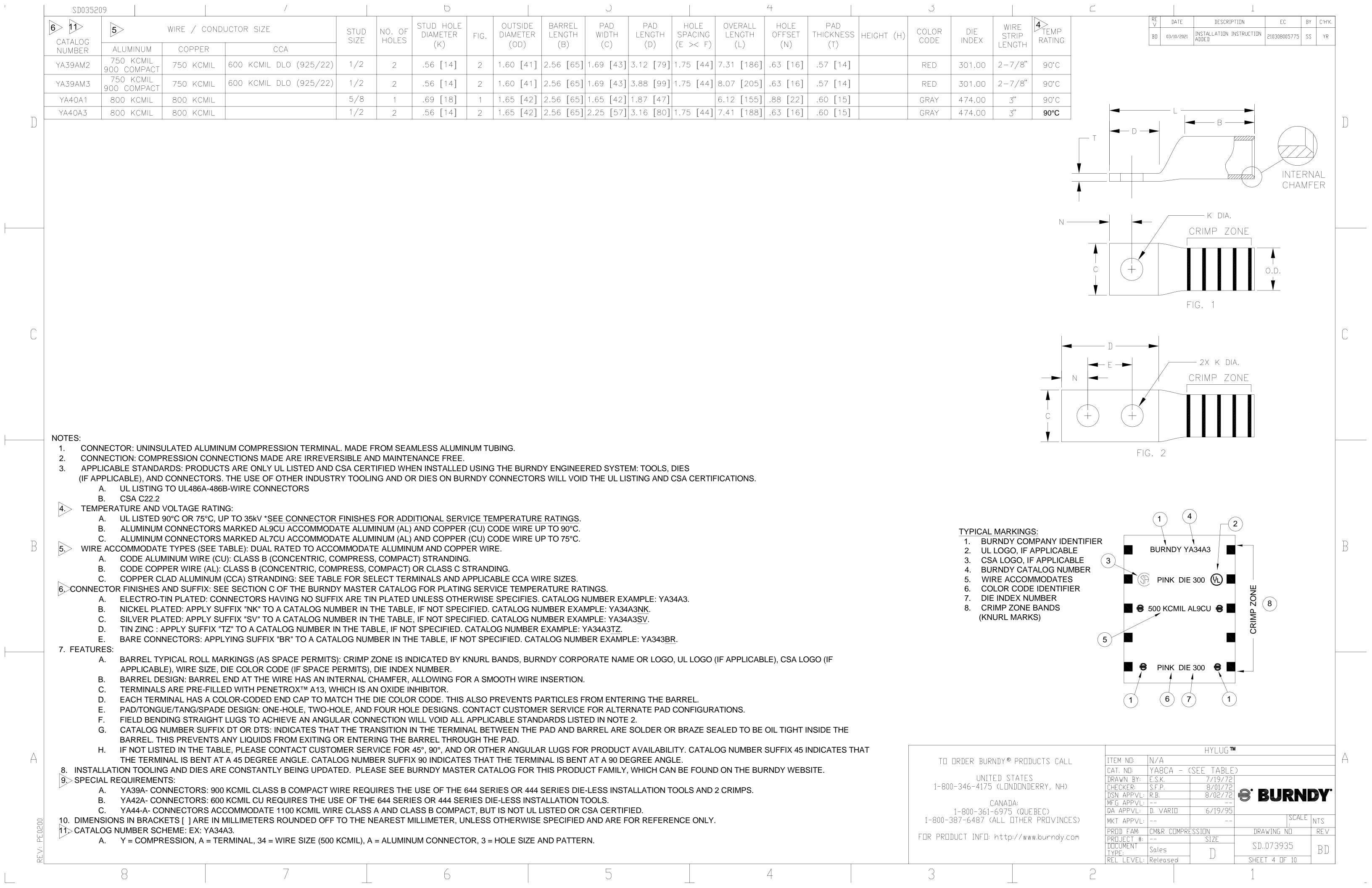
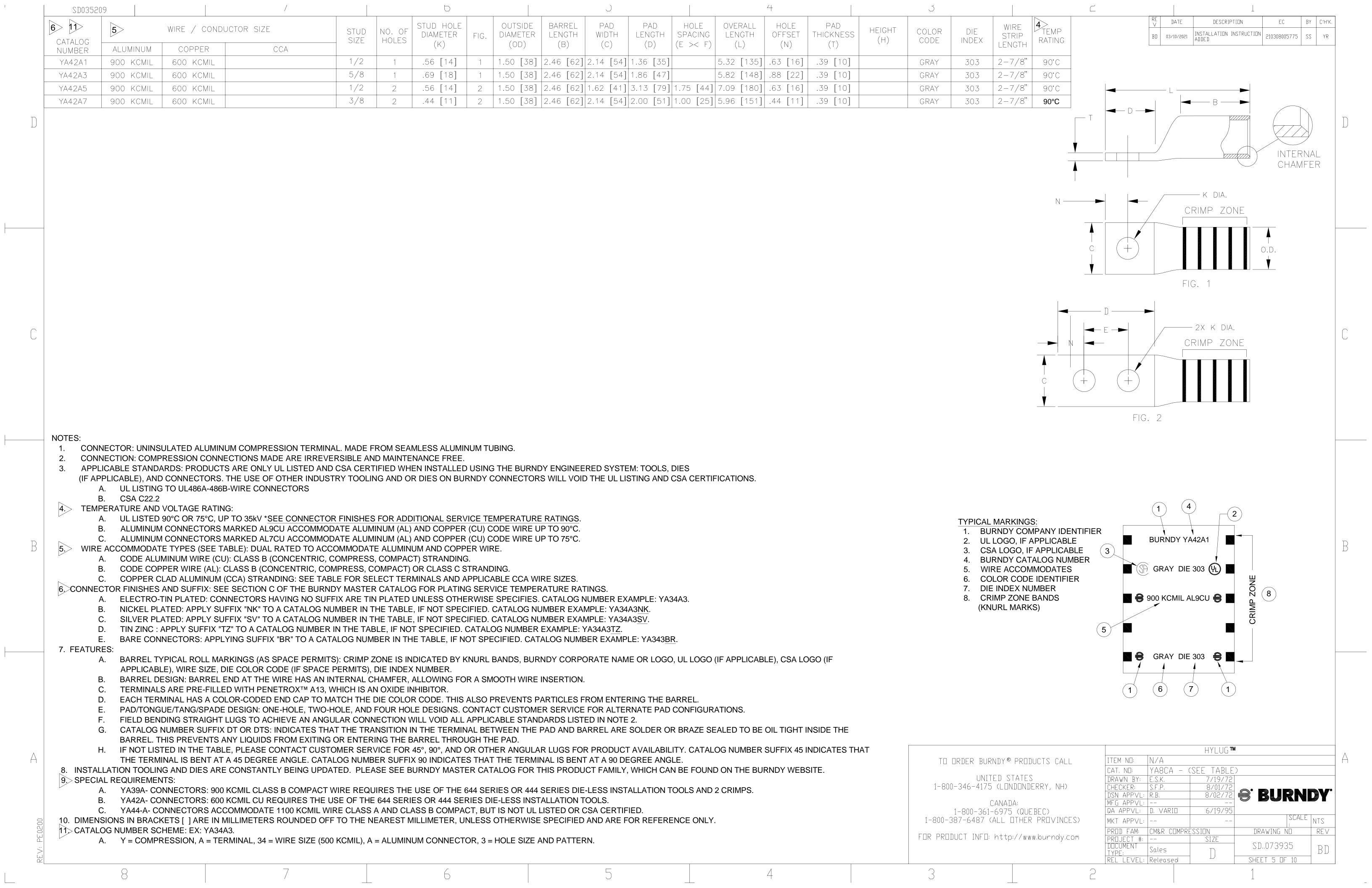
		· · · · · · · · · · · · · · · · · · ·																								
6 11	5 WIRE /	CONDUCTOR SIZE	STUD	NO. OF	STUD HOLE DIAMETER	FIG.	OUTSIDE DIAMETER	BARREL LENGTH	PAD WIDTH	PAD LENGTH	HOLE SPACING	OVERALL LENGTH	HOLE OFFSET	PAD THICKNESS	HEIGHT	COLOR	DIE	WIRE STRIP	4 TEMP		RE V	DATE	DESCRIPTION	١	EC BY C	H′K.
CATALOG NUMBER	ALUMINUM	COPPER CCA	SIZE	HOLES	(K)	FIG.	(OD)	(B)	(C)	(D)	(E & F)	(L)	(N)	(T)	(H)	CODE	INDEX	LENGTH	RATING		BD 03	3/10/2021   INST ADDI	ALLATION INSTR ID	RUCTION 21030	08005775 SS	YR
YA8CA1	#8 AWG	#8 AWG	10	1	.20 [5]	1	.30 [8]	.62 [16]	.53 [13]	.60 [15]		1.50 [38]	.20 [5]	.09 [2]		BLUE	374	3/4"	75°C							
YA8CA3	#8 AWG	#8 AWG	1/4	1	.28 [7]	1	.30 [8]	.62 [16]	.53 [13]	.75 [19]		1.65 [42]	.25 [6]	.09 [2]		BLUE	374	3/4"	75°C							
YA6CA1 YA6CA3	#6 AWG #6 AWG	#6 AWG #6 AWG	3/8	1	.28 [7]	1	.34 [9]	.75 [19] .75 [19]	.47 [12] .65 [17]	.75 [19] 1.19 [30]		1.84 [47] 2.28 [58]	.33 [8]	.14 [4]		GRAY	346 346	7/8"	90°C							
YA4CA1	#4 AWG	#4 AWG	1/4	1	.28 [7]	1	.43 [11]	.88 [22]	.47 [12]	.75 [19]		2.13 [54]	.33 [8]	.18 [5]		GREEN	375	1"	90°C			<b>V</b>			INTERNAL	
YA4CA3	#4 AWG	#4 AWG	5/16	1	.38 [10]	1	.43 [11]	.88 [22]	.80 [20]	.87 [22]		2.25 [57]	.41 [10]	.12 [3]		GREEN	375	1"	90°C						CHAMFER	
YA4CA6	#4 AWG	#4 AWG	3/8	1	.44 [11]	1	.43 [11]	.88 [22]	.80 [20]	.94 [24]		2.32 [59]	.44 [11]	.12 [3]		GREEN	375	1"	90°C		Τ -		I.z			
YA4CA8	#4 AWG	#4 AWG	1/2	2	.56 [14]	2	.43 [11]	.88 [22]	.88 [22]	3.11 [79]	1.75 [44]	4.50 [114]	.63 [16]	.11 [3]		GREEN	375	1"	90°C		N		K	MP ZONE		
YA2CA1	#2 AWG	#2 AWG	5/16	1	.38 [10]	1	.53 [13]	.53 [13]	.53 [13]	.88 [22]		2.50 [64]	.53 [13]	.53 [13]		PINK	348	1-1/4"	90°C							
YA2CA3 YA2CA5	#2 AWG #2 AWG	#2 AWG #2 AWG	3/8	1	.44 [11]	1	.53 [13] .53 [13]	1.12 [28] 1.00 [25]	.88 [22] .50 [13]	.94 [24] .75 [19]		2.56 [65] 2.25 [57]	.44 [11]	.16 [4] .22 [6]		PINK	348	1-1/4"	90°C		1				<b>A</b>	
YA2CA9	#2 AWG	#2 AWG	1/2	2	.56 [14]	2	.53 [13]	1.12 [28]	.88 [22]	3.11 [79]	1.75 [44]	4.73 [120]	.63 [16]	.16 [4]		PINK	348	1-1/4"	90°C		,				▼	
YA1CA1	#1 AWG	#1 AWG	3/8	1	.44 [11]	1	.54 [14]	.91 [23]	.76 [19]	1.19 [30]		2.59 [66]	.44 [11]	.19 [5]		GOLD	471	1-1/16"	90°C		_	<u> </u>	FIG	1 O.D. —		
YA1CA3	#1 AWG	#1 AWG	1/4	1	.28 [7]	1	.54 [14]	.91 [23]	.52 [13]	.75 [19]		2.16 [55]	.33 [8]	.19 [5]		GOLD	471	1-1/16"	90°C			E		– 2X K DIA.		
YA1CA4	#1 AWG	#1 AWG	5/16	1	.38 [10]	1	.54 [14]	.91 [23]	.76 [19]	.81 [21]		2.25 [57]	.41 [10]	.19 [5]		GOLD	471	1-1/16"	90°C	_		<b>←</b>		IMP ZONE		
YA1CA9	#1 AWG	#1 AWG	1/2	2	.56 [14]	2	.54 [14]	.91 [23]	.88 [22]	3.11 [79]	1.75 [44]	4.52 [115]	.63 [16]	19 [5]		GOLD	471	1-1/16"	90°C						<u> </u>	
YA25A1	1/0 AWG	1/0 AWG	5/16	1	.38 [10]	1	.60 [15]	1.00 [25]	.60 [15]	.87 [22]		2.31 [59]	.41 [10]	.21 [5]		TAN	296	1-3/16"	90°C	<b>†</b>	+				.D.	
YA25A3 YA25A5	1/0 AWG 1/0 AWG	1/0 AWG 1/0 AWG	3/8	1	.44 [11]	1	.60 [15] .60 [15]	1.05 [27] 1.05 [27]	.82 [21] .82 [21]	1.18 [30] 2.24 [57]	1.06 [27]	2.67 [68] 3.73 [95]	.63 [16] .63 [16]	.21 [5] .21 [5]		TAN TAN	296 296	1-3/16" 1-3/16"	90°C	Ŭ .						
YA25A7	1/0 AWG	1/0 AWG	1/2	2	.56 [14]	2	.60 [15]	1.05 [27]	1.03 [26]		[21]	4.59 [117]	.63 [16]	.17 [4]		TAN	296	1-3/16"	90°C				FIG.	2	<b>A</b>	
YA25A790	1/0 AWG	1/0 AWG	1/2	2	.56 [14]	4	.60 [15]	1.05 [27]	1.03 [26]	3.10 [79]	1.75 [44]	3.44 [87]	.63 [16]	.17 [4]	1.70 [43]	TAN	296	1-3/16"	90°C		_		ΨK			
YA25A9	1/0 AWG	1/0 AWG	1/2	1	.56 [14]	1	.60 [15]	1.05 [27]	1.03 [26]	1.34 [34]		2.83 [72]	.63 [16]	.17 [4]		TAN	296	1-3/16"	90°C							
<ol> <li>CONN</li> <li>APPLI</li> </ol>	NECTION: COMPR ICABLE STANDAR PLICABLE), AND (	ILATED ALUMINUM COMPRE RESSION CONNECTIONS MA RDS: PRODUCTS ARE ONLY CONNECTORS. THE USE OF TO UL486A-486B-WIRE CON	DE ARE IRI UL LISTED OTHER IN	REVERSIBLE AND CSA C	E AND MAINTEN ERTIFIED WHEI	ANCE FR V INSTAL	REE. LLED USING T	HE BURNDY			•		CATIONS.						(Z)				0.D	<b>→</b> B	_	
1. CONN 2. CONN 3. APPLIA (IF APF A B. 4. TEMPI A B. C WIRE A B. C	NECTION: COMPRICABLE STANDARD (A. UL LISTING)  A. UL LISTING (B. CSA C22.2)  PERATURE AND VA. UL LISTED 9  B. ALUMINUM (B. ALUMINUM (B. ALUMINUM (B. CODE ALUMINUM (B. CODE ALUMINUM (B. CODE COPPER CL. COPPER C	RESSION CONNECTIONS MA RDS: PRODUCTS ARE ONLY	DE ARE IREUL LISTED OTHER INITECTORS  EE CONNECU ACCOMMENTED TO CONCENTED OF THE BITCOMENTED TO A CATALOMEN	CTOR FINIS IMODATE AI ACCOMMON ACCOMPRES TABLE FOR JRNDY MAS SUFFIX ARE G NUMBER G NUMBER BER IN THE	E AND MAINTEN ERTIFIED WHEI OLING AND OR  HES FOR ADDIT LUMINUM (AL) A LUMINUM (AL) A DATE ALUMINUI ESS, COMPACT S, COMPACT S, COMPACT TERM TER CATALOG E TIN PLATED U IN THE TABLE, IN THE TABLE, TABLE, IF NOT	ANCE FROM INSTAL DIES ON TIONAL S ND COP M AND	REE. LED USING TO BURNDY COME BURNDY COME BURNDY COME BURNDY COME BURND APPLICABLATING SERVICUS THERWISE SERVICUS PECIFIED. CASED. CATALOG	PERATURE F DE WIRE UP DE WIRE UP . IG. LE CCA WIRE SPECIFIES. CATALOG NUM ATALOG NUM B NUMBER E	RATINGS. TO 90°C. TO 75°C.  E SIZES. ATURE RAT CATALOG N MBER EXAM MBER EXAM XAMPLE: Y	THE UL LIST IUMBER EXAN MPLE: YA34A3 MPLE: YA34A3 'A34A3 <u>TZ</u> .	MPLE: YA34 3 <u>NK</u> . 3 <u>SV</u> .	SA CERTIFIC	CATIONS.	2. UL LOGO, 3. CSA LOGO 4. BURNDY O 5. WIRE ACC 6. COLOR CO 7. DIE INDEX 8. CRIMP ZO	COMPANY IDI , IF APPLICA O, IF APPLIC CATALOG NU COMMODATES CODE IDENTIFI X NUMBER	BLE CABLE IMBER IER		E 296 1/0AWG	5A1 SP =	CRIMP ZONE	K DIA. [2X]	FIG.	90°	B   F		B

	SD03520	09		/			6			J				4			3				
	6> 11>	5	WIRE / CONDUCT	OR SIZE	STUD	NO. OF HOLES	STUD HOLE DIAMETER	OUTSIDE DIAMETER	BARREL LENGTH	l l		HOLE PACING	OVERALL LENGTH	HOLE OFFSET	PAD THICKNESS	HEIGHT	COLOR	DIE	WIRE STRIP	4 TEMP	RE DESCRIPTION ECO BY C'H'K.  RD 03/10/2021 INSTALLATION INSTRUCTION 210209005775 SS VP
	CATALOG NUMBER	ALUMINUM	COPPER	CCA	SIZE	HOLES	(K)	(OD)	(B)	(C)		E & F)	(L)	(N)	(T)	(H)	CODE	INDEX	LENGTH		BD 03/10/2021   INSTRUCTION   210308005775   SS   YR
	YA26A1	2/0 AWG	2/0 AWG		1/2	1	.56 [14]	1 .67 [17]	1.17 [30]	1.03 [26] 1.3	36 [35]		3.03 [77]	.20 [5]	.20 [5]		OLIVE	297	1-3/8"	90°C	
	YA26A6	2/0 AWG	2/0 AWG		3/8	1	.44 [11]	1 .67 [17]	1.17 [30]		18 [30]		2.79 [71]	.25 [6]	.24 [6]		OLIVE	297	1-3/8"	90°C	
	YA26A7 YA26A8	2/0 AWG 2/0 AWG	2/0 AWG 2/0 AWG		5/16 5/8	1	.38 [10] .69 [18]	1 .67 [17] 1 .67 [17]	1.17 [30] 1.17 [30]		31 [21] 36 [35]		2.52 [64] 3.03 [77]	.33 [8]	.24 [6]		OLIVE OLIVE	297 297	1-3/8"	90°C	
_	YA26A3	2/0 AWG	2/0 AWG		1/2	2	.56 [18]	2 .67 [17]	1.17 [30]			.75 [44]	4.78 [121]	.33 [8]	.20 [5]		OLIVE	297	1-3/8"	90°C	INTERNAL CHAMFER
	YA26A5	2/0 AWG	2/0 AWG		3/8	2	.44 [11]	2 .67 [17]	1.17 [30]	.92 [23] 1.8	89 [48] 1.	.00 [25]	3.56 [90]	.41 [10]	.24 [6]		OLIVE	297	1-3/8"	90°C	
	YA27A1	3/0 AWG	3/0 AWG		3/8	1	.44 [11]	1 .76 [19]	1.11 [28]		18 [30]		2.88 [73]	.44 [11]	.26 [7]		RUBY	467	1-1/2"	90°C	N — K DIA.
	YA27A3 YA27A5	3/0 AWG 3/0 AWG	3/0 AWG 3/0 AWG		1/2	1	.58 [14] .56 [14]	1 .79 [19] 2 .79 [19]	1.31 [33] 1.31 [33]		37 [35] 12 [79] 1.	.75 [44]	3.27 [83] 5.02 [128]	.63 [16] .63 [16]	.26 [7]		RUBY RUBY	467 467	1-1/2"	90°C	CRIMP ZONE
	YA27A7	3/0 AWG	3/0 AWG		3/8	2	.44 [11]	2 .79 [19]	1.31 [33]			.00 [25]	3.79 [96]	.44 [11]	.26 [7]		RUBY	467	1-1/2"	90°C	
	YA28A1	4/0 AWG	4/0 AWG		3/8	1	.44 [11]	1 .85 [22]	1.39 [35]	1.17 [30] 1.	18 [30]		3.26 [83]	.44 [11]	.30 [8]		WHITE	298	1-5/8"	90°C	
	YA28A3	4/0 AWG	4/0 AWG		1/2	1	.56 [14]	1 .85 [22]	1.39 [35]		36 [35]	75 5441	3.44 [87]	.63 [16]	.30 [8]		WHITE	298	1-5/8"	90°C	FIG. 1
	YA28A5 YA28A7	4/0 AWG 4/0 AWG	4/0 AWG 4/0 AWG		3/8	2	.56 [14] .44 [11]	2 .85 [22] 2 .85 [22]	1.39 [35] 1.39 [35]				5.19 [132] 3.97 [101]	.63 [16] .44 [11]	.30 [8]		WHITE	298 298	1-5/8"	90°C	
	YA28A590	4/0 AWG	4/0 AWG		1/2	2	.56 [14]	4 .85 [22]	1.39 [35]			.75 [44]	3.63 [98]	.63 [16]	.30 [8]	2.73 [69]	WHITE	298	1-5/8"	90°C	
	YA29A1	250 KCMIL	250 KCMIL		1/2	1	.56 [14]	1 .92 [37]	1.45 [37]	1.26 [32] 1.3	36 [35]		3.53 [90]	.63 [16]	.33 [8]		RED	324	1-5/8"	90°C	2X K DIA.  CRIMP ZONE
	YA29A6	250 KCMIL	250 KCMIL		5/8	1	.69 [18]	1 .92 [37]	1.45 [37]		52 [39]	75.5441	3.69 [94]	.75 [19]	.33 [8]		RED	324	1-5/8"	90°C	
	YA29A3 YA29A5	250 KCMIL 250 KCMIL	250 KCMIL 250 KCMIL		1/2 3/8	2	.56 [14] .44 [11]	2 .92 [37] 2 .92 [37]	1.45 [37] 1.45 [37]				5.28 [134] 4.06 [103]	.63 [16]	.33 [8]		RED RED	324 324	1-5/8"	90°C	
	YA30A1	300 KCMIL	300 KCMIL	4/0 AWG DLO (329/22)	1/2	1	.56 [14]	1 1.01 [26]	1.53 [39]		37 [35]	[]	3.90 [99]	.63 [16]	.36 [9]		BLUE	.470	1-3/6	90°C	
	YA30A6	300 KCMIL	300 KCMIL	4/0 AWG DLO (329/22)	3/8	1	.44 [11]	1 1.01 [26]	1.53 [39]		37 [35]		3.90 [99]	.63 [16]	.36 [9]		BLUE	470	1-3/4"	90°C	FIG. 2
	YA30A3	300 KCMIL	300 KCMIL	4/0 AWG DLO (329/22)	1/2	2	.56 [14]	2 1.01 [26]	1.53 [39]				5.64 [143]	.63 [16]	.36 [9]		BLUE	470	1-3/4"	90°C	øK
	YA30A5 YA31A1	300 KCMIL 350 KCMIL	300 KCMIL 350 KCMIL	4/0 AWG DLO (329/22) 250 KCMIL DLO (399/22)	3/8	2	.44 [11] .56 [14]	2 1.01 [26] 1 1.11 [28]	1.53 [39] 1.85 [47]		39 [48] 1. 37 [35]		4.42 [112] 4.53 [110]	.44 [11] .63 [16]	.36 [9]		BLUE	470 299	1-3/4" 2-1/8"	90°C	
	YA31A6	350 KCMIL	350 KCMIL	250 KCMIL DLO (399/22)	3/8	1	.44 [11]	1 1.11 [28]	1.85 [47]		9 [23]		3.85 [98]	.44 [11]	.39 [10]		BROWN	299	2-1/8"	90°C	
	YA31A12	350 KCMIL	350 KCMIL	250 KCMIL DLO (399/22)	5/8	1	.65 [17]	1 1.11 [28]	1.85 [47]	1.52 [39] 1.3	37 [35]		4.33 [110]	.63 [16]	.39 [10]		BROWN	299	2-1/8"	90°C	
-	YA31A190	350 KCMIL	350 KCMIL	250 KCMIL DLO (399/22)	1/2	1	.56 [14]	3 1.11 [28]	1.85 [47]		37 [35]	75 [44]	2.12 [54]	.63 [16]	.39 [10]	3.74 [95]	BROWN	299	2-1/8"	90°C	
	YA31A3 YA31A5	350 KCMIL 350 KCMIL	350 KCMIL 350 KCMIL	250 KCMIL DLO (399/22) 250 KCMIL DLO (399/22)	3/8	2 2	.56 [14] .44 [11]	2 1.11 [28] 2 1.11 [28]	1.85 [47] 1.85 [47]				6.07 [154] 4.85 [123]	.63 [16] .44 [11]	.39 [10]		BROWN BROWN	299 299	2-1/8"	90°C	
_	YA31A390	350 KCMIL	350 KCMIL	250 KCMIL DLO (399/22)	1/2	2	.56 [14]	4 1.11 [28]	1.85 [47]			.75 [44]	3.87 [98]	.63 [16]	.39 [10]	3.74 [95]	BROWN	299	2-1/8"	90°C	
В	2. CONI 3. APPL (IF AP  E  4. TEMF	NECTION: COM LICABLE STAND PLICABLE), AN A. UL LISTIN B. CSA C22.2 PERATURE AND A. UL LISTED B. ALUMINU E ACCOMMODA A. CODE ALU B. CODE CO C. COPPER CTOR FINISHES A. ELECTRO B. NICKEL P C. SILVER P D. TIN ZINC	IPRESSION CONNEDARDS: PRODUCTS ID CONNECTORS. IG TO UL486A-486E 2 D VOLTAGE RATING D 90°C OR 75°C, UF IM CONNECTORS IN IM CON	UM COMPRESSION TERM ECTIONS MADE ARE IRRES ARE ONLY UL LISTED A THE USE OF OTHER INDICATION OF THE USE OF OTHER INDICATION OF THE BUILDING OF	TOR FINISHMODATE ALL COMMODICS COMPRESSIBLE FOR RNDY MASTRY TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUFFIX ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUFFIX ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUFFIX ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY MASTRY ARE SOUMBER IN THE TO COMPRESSIBLE FOR RNDY ARE SOURCE FOR	AND MAINERTIFIED VOLING AND HES FOR A UMINUM (ADATE ALUMESS, COMPACES, COMPA	TENANCE FREE WHEN INSTALLE OR DIES ON B  DDITIONAL SEE AL) AND COPPE INUM AND COPPE INUM AND COPPE ACT) STRANDIN T) OR CLASS CERMINALS AND OG FOR PLATI ED UNLESS OTH LE, IF NOT SPE LE, IF NOT SPE NOT SPECIFIED	E. ED USING THE BURN URNDY CONNECTO REVICE TEMPERATURE R (CU) CODE WIRE PER WIRE.  NG. STRANDING.  APPLICABLE CCA WIRE SERVICE TEMPERE SPECIFIES CON CATALOG NUMBER CONTRACTOR	RE RATINGS UP TO 90°C UP TO 75°C VIRE SIZES ERATURE R S. CATALOC NUMBER EX R EXAMPLE	OID THE UL LIST  ATINGS.  AMPLE: YA34A3  AMPLE: YA34A3  YA34A3TZ.	MPLE: YA34 B <u>NK</u> . B <u>SV</u> .	SA CERTII	TYPICAL  1. BU 2. UL 3. CS 4. BU 5. WI 6. CC 7. DIE 8. CR	MARKING JRNDY CO LOGO, IF SA LOGO, I JRNDY CA	MPANY IDENTIFAPPLICABLE F APPLICABLE TALOG NUMBEF MMODATES E IDENTIFIER UMBER E BANDS		SA W	HITE DIE 29	8 <b>Ų</b> L	CRIME	FIG. 3  90° REF  R DIA.  [2X]  0.D.
REV: PE0200	9. SPECIA E 10. DIMEN 11. CATAL	RES: A. BARREL 1 APPLICATE B. BARREL I C. TERMINA D. EACH TEF E. PAD/TONG F. FIELD BEI G. CATALOG BARREL. H. IF NOT LIS THE TERM LATION TOOLI AL REQUIREME A. YA39A- CO SIONS IN BRACO OG NUMBER S	TYPICAL ROLL MARBLE), WIRE SIZE, DOESIGN: BARREL ELS ARE PRE-FILLE RMINAL HAS A COLOUDING STRAIGHT IN STED IN THE TABLE MINAL IS BENT AT ING AND DIES ARE ENTS:  ONNECTORS: 900 CONNECTORS: 600 CONNECTORS ACCORDED IN THE IN MINAL IS BENT AT ING AND DIES ARE ENTS:	RKINGS (AS SPACE PERMISE COLOR CODE (IF SPACE ND AT THE WIRE HAS ALL OR-CODED END CAP TO DESIGN: ONE-HOLE, TWO LUGS TO ACHIEVE AN AND TO OR DTS: INDICATES ANY LIQUIDS FROM EXITING E, PLEASE CONTACT CUA 45 DEGREE ANGLE. CAS CONSTANTLY BEING UP KCMIL CLASS B COMPACE COMMODATE 1100 KCMIL COMMODATE 1100 KCMIL CUREQUIRES THE COMMODATE 1100 KCMIL CUREQUIRES THE COMMODATE 1100 KCMIL CURE ROUNDED COMMODED COMMODE	MITS): CRIM CE PERMIT: N INTERNAL 3, WHICH IS O MATCH TH O-HOLE, AN NGULAR CO THAT THE T NG OR ENT ISTOMER SI ATALOG NU PDATED. PI CT WIRE RE IE USE OF T WIRE CLAS OFF TO THE	IP ZONE IS S), DIE IND L CHAMFE S AN OXIDE HE DIE COI ND FOUR H ONNECTION TRANSITIO TRANSITIO TERING THI ERVICE FO MBER SUF LEASE SEE SQUIRES T THE 644 SE SS A AND O E NEARES	INDICATED BY EX NUMBER. R, ALLOWING FEINHIBITOR. OR CODE. THIS ON WILL VOID ALLOWING THE TERM FOR 45°, 90°, ANDICATE BURNDY MASSES OF THE RIES OR 444 SEILASS B COMPETMILLIMETER,	KNURL BANDS, BUTON A SMOOTH WIRES ALSO PREVENTS CONTACT CUSTON L APPLICABLE STAINAL BETWEEN THE DUGH THE PAD. ON OTHER ANGUL ES THAT THE TERN TER CATALOG FOR E 644 SERIES OR 44 ERIES DIE-LESS INS ACT, BUT IS NOT UIT UNLESS OTHERWIS	RNDY CORE INSERTICES PARTICLES MER SERVICE NDARDS LISE PAD AND AR LUGS F MINAL IS BE THIS PROD A SERIES D STALLATION LISTED OF	PORATE NAME  N.  FROM ENTERINGE FOR ALTERNATED IN NOTE 2 BARREL ARE S  OR PRODUCT A NT AT A 90 DEG OUCT FAMILY, V  IE-LESS INSTAL I TOOLS. R CSA CERTIFIE ED AND ARE FO	OR LOGO,  NG THE BAI JATE PAD CO OLDER OR  AVAILABILITE SREE ANGLI VHICH CAN LATION TO	UL LOGO  RREL. CONFIGUR  BRAZE SE TY. CATAL E. BE FOUNI DOLS AND	RATIONS.  EALED TO BI  LOG NUMBER  ID ON THE BI  2 CRIMPS.	E OIL TIGH	IT INSIDE THE 15 INDICATES TI	HAT	1-800	UN 800-346-41 1-800-36 0-387-6487	NITED STA 75 (LOND CANADA 61-6975 (ALL OT	PRODUCTS CA ATES OONDERRY, NH	CAT. NO: YA8CA - (SEE TABLE)  DRAWN BY: E.S.K. 7/19/72  CHECKER: S.F.P. 8/01/72  DSN APPVL: R.B. 8/02/72  MFG APPVL:
_		$\cup$		/	-		U							Т						-	

	SD03520	09		/			<b>b</b>			J				4	1			<u>.</u>			T.S.			1	
	6> 11>	5	wire / coni	DUCTOR SIZE	STUD	NO. OF	STUD HOLE DIAMETER	OUTSI FIG. DIAME			PAD LENGTH	HOLE SPACING	OVERA LENG			PAD CKNESS HEIGH	HT (H)	COLOR	DIE INDEX	WIRE STRIP	TEMP RATING		RE V DATE DES  BD 03/10/2021 INSTALLATI	CRIPTION EC BY C IN INSTRUCTION 210308005775 SS	
	CATALOG NUMBER	ALUMINUM	COPPER	CCA	SIZE	HOLES	(K)	(OD	)) (B)	(C)	(D)	(E >< F)	) (L)	(N	)	(T)		CODE	INULX				ADDED.	<u> </u>	
	YA32A1	400 KCMIL	400 KCMIL		5/8	1	.69 [18]			57] 1.60 [41 57] 1.62 [41			_	25] .88 [ 25] .89 [	_			GREEN	472	2-1/2"				■ B — ■	
	YA32A6 YA32A3	400 KCMIL 400 KCMIL	400 KCMIL		1/2		.56 [14]			57] 1.62 [41 57] 1.62 [41				25] .88 [ 56] .63 [				GREEN Green	472 472	2-1/2" $2-1/2$ "					1
	YA32A5	400 KCMIL	400 KCMIL		3/8		.44 [11]			57] 1.62 [41								REEN	472	2-1/2"	90°C		<b>V</b>	INTERNA	Δ1
	YA34A1	500 KCMIL	500 KCMIL	350 KCMIL DLO (551/22)	<u> </u>	1	.69 [18]			59] 1.80 [46				41] .88 [				PINK	300	2-5/8"			<b>A</b>	CHAMFE	R D
	YA34A7 YA34A3	500 KCMIL	500 KCMIL	350 KCMIL DLO (551/22) 350 KCMIL DLO (551/22)	·		.56 [14]			59] 1.80 [46 59] 1.62 [41				28] .63 [ 73] .63 [				PINK PINK	300	2-5/8" 2-5/8"				— K DIA.	
	YA34A8	500 KCMIL	500 KCMIL		,		.56 [14]			59] 1.80 [46								PINK	300	2-5/8"				RIMP ZONE	
	YA34A5	500 KCMIL	500 KCMIL			2	.44 [11]			59] 1.80 [46								PINK	300	2-5/8"					
_	YA34A390	500 KCMIL			<del> </del>	2	.56 [14]	_		59] 1.62 [41								PINK	300	2-5/8"				O.D.	
	YA36A1 YA36A8	600 KCMIL			+	1	.69 [18] .56 [14]			63] 1.97 [50 63] 1.97 [50		_		48] .88 [ 43] .69 [				BLACK BLACK	473 473	2-7/8" 2-7/8"					
	YA36A3	600 KCMIL	600 KCMIL				.56 [14]			63] 1.62 [41								BLACK	473	2-7/8"			FI	G. 1	
	YA36A17	600 KCMIL	600 KCMIL	500 KCMIL DLO (779/22)	1/2	2	.56 [14]	2 1.44 [	[37] 2.47 [	63] 1.97 [50	3.15 [80	1.75 [44	] 7.06 [	79] .63 [	[16] .52	2 [13]	[	BLACK		2-7/8"	90°C				
	YA36A5	600 KCMIL		500 KCMIL DLO (779/22)		2		2 1.44 [										BLACK		2-7/8"				2X K DIA.	
	YA39A1	600 KCMIL 750 KCMIL	600 KCMIL				.56 [14]			63] 1.31 [33 62] 2.05 [52				34] .63 [				BLACK		2-7/8" 2-7/8"				RIMP ZONE	
		900 COMPACT 750 KCMIL			,										_			ELLOW				_			
	YA39A3 	900 COMPACT 750 KCMIL			,		.69 [18]			62] 2.05 [52				47] .88 [				ELLOW	936	2-7/8"					
	YA39A34	900 COMPACT	750 KCMIL	600 KCMIL DLO (925/22)	3/4	1	.81 [21]	1 1.46 [	[37] 2.46 [	62] 2.05 [52	2.19 [56	1.75 [44	6.17 [	57] 1.00	[25] .43	3 [11]	Y	ELLOW	936	2-7/8"	90°C		FIG. 2		
	YA39A5	750 KCMIL 900 COMPACT	750 KCMIL	600 KCMIL DLO (925/22)	1/2	2	.56 [14]	2 1.46 [	[37] 2.46 [	62] 1.62 [41	] 3.15 [80	1.75 [44	] 7.07 [	80] .63 [	[16] .43	3 [11]	Y	ELLOW	936	2-7/8"	90°C		/øK		
	YA39A13	750 KCMIL 900 COMPACT	750 KCMIL	600 KCMIL DLO (925/22)	1/2	2	.56 [14]	2   1.46 [	[37] 2.46 [	62] 2.05 [52	3.15 [80		7.04 [	79] .63 [	[16] .43	3 [11]	Y	ELLOW	936	2-7/8"	90°C				
														<u>TY</u>	<u>PICAL MAF</u> . BURND	<u>RKINGS:</u> DY COMPANY I	IDENTIFIEI	₹	1	4 DY YA32A1	2		C V N D D		
	2. CONI 3. APPL (IF AP	NECTION: COMF LICABLE STAND PPLICABLE), ANI A. UL LISTINO B. CSA C22.2 PERATURE AND A. UL LISTED	PRESSION CONI ARDS: PRODUC D CONNECTORS G TO UL486A-486 C VOLTAGE RATI O 90°C OR 75°C, I	UP TO 35kV *SEE CONNECTOR	RSIBLE A CSA CEI RY TOOI	AND MAINTE RTIFIED WH LING AND C	ENANCE FREE. HEN INSTALLEI DR DIES ON BU DITIONAL SER	D USING THE BU JRNDY CONNEC VICE TEMPERA	TURE RATING	VOID THE UL L GS.		•	TIFICATION	3 4 5 6 7 8	BURND WIRE A COLOR DIE IND CRIMP	OGO, IF APPLIC DY CATALOG N ACCOMMODAT R CODE IDENT DEX NUMBER ZONE BANDS MARKS)	NUMBER TES TFIER	7       3	GREE GREE	EN DIE 472		CRIMP ZONE  8			
В	E (	C. ALUMINUME ACCOMMODATA. CODE ALUB. CODE COMMODATA. CODE COMMODATA. CODE COMMODATA. COPPER COMMODATA. COPPER COMMODATA. ELECTROB. NICKEL PLC. SILVER PLC. SILVER PLC. BARE COMMODATA.	M CONNECTORS TE TYPES (SEE JMINUM WIRE (C PPER WIRE (AL) CLAD ALUMINUM S AND SUFFIX: S TIN PLATED: CC ATED: APPLY S APPLY SUFFIX	S MARKED AL9CU ACCOMMODA S MARKED AL7CU ACCOMMODA TABLE): DUAL RATED TO ACCO CU): CLASS B (CONCENTRIC, CO CONCENTRIC, COM M (CCA) STRANDING: SEE TABL EE SECTION C OF THE BURND DONNECTORS HAVING NO SUFF SUFFIX "NK" TO A CATALOG NUI SUFFIX "SV" TO A CATALOG NUI "TZ" TO A CATALOG NUMBER IN PLYING SUFFIX "BR" TO A CATALOG	ATE ALU OMMODA OMPRES MPRESS, LE FOR S OY MAST FIX ARE T MBER IN MBER IN	IMINUM (ALATE ALUMIN SS, COMPACT) SELECT TER ER CATALO IN PLATED I THE TABLI ABLE, IF NO	AND COPPER NUM AND COPF CT) STRANDING OR CLASS CS RMINALS AND A OG FOR PLATIN OUNLESS OTHI E, IF NOT SPEC OT SPECIFIED.	R (CU) CODE WII PER WIRE. G. STRANDING. APPLICABLE CC NG SERVICE TEN ERWISE SPECIF CIFIED. CATALO CATALOG NUM	CA WIRE SIZE MPERATURE FIES. CATALO OG NUMBER E IBER EXAMPL	°C.  S.  RATINGS.  DG NUMBER E  EXAMPLE: YA3  EXAMPLE: YA3  LE: YA34A3  TZ.	34A3 <u>NK</u> . 34A3 <u>SV</u> .								5	00 kcmil	1		FIG. 3 90	REF  O.D.	В
A		APPLICAB B. BARREL D C. TERMINAL D. EACH TER E. PAD/TONG F. FIELD BEN G. CATALOG BARREL. T H. IF NOT LIS THE TERM	LE), WIRE SIZE, ESIGN: BARREL S ARE PRE-FILL MINAL HAS A COUE/TANG/SPAD IDING STRAIGHT NUMBER SUFFI THIS PREVENTS TED IN THE TAE INAL IS BENT A	ARKINGS (AS SPACE PERMITS DIE COLOR CODE (IF SPACE F LEND AT THE WIRE HAS AN INT LED WITH PENETROX™ A13, W OLOR-CODED END CAP TO MA DE DESIGN: ONE-HOLE, TWO-HO T LUGS TO ACHIEVE AN ANGUI X DT OR DTS: INDICATES THA S ANY LIQUIDS FROM EXITING OB BLE, PLEASE CONTACT CUSTO T A 45 DEGREE ANGLE. CATAL RE CONSTANTLY BEING UPDAT	PERMITS TERNAL /HICH IS ATCH THI OLE, AN ILAR COM T THE THE OR ENTE OMER SE LOG NUM	), DIE INDE CHAMFER, AN OXIDE I E DIE COLC D FOUR HO NNECTION RANSITION RING THE RVICE FOR IBER SUFF	X NUMBER. , ALLOWING FOUNT INHIBITOR. OR CODE. THIS OLE DESIGNS. (IN THE TERMINIBLE THRO) R 45°, 90°, AND TIX 90 INDICATE	OR A SMOOTH WE ALSO PREVENT CONTACT CUST APPLICABLE STOWN THE PAD. OR OTHER ANGES THAT THE TE	VIRE INSERTI ITS PARTICLE TOMER SERV STANDARDS L THE PAD ANI GULAR LUGS ERMINAL IS B	ION.  ES FROM ENTE  ICE FOR ALTE  LISTED IN NOT  D BARREL ARI  FOR PRODUCT  BENT AT A 90 E	ERING THE ERNATE PAI E 2. E SOLDER C CT AVAILAB DEGREE AN	BARREL. D CONFIGUI OR BRAZE S ILITY. CATA GLE.	RATIONS. SEALED TO	) BE OIL TIO	GHT INSIDE X 45 INDIC <i>I</i>	E THE ATES THAT		TO C			DUCTS CALL	T REF.	FIG. 4  HYLL  TEM NO: N/A  CAT. NO: YA8CA - (SEE TA)		<u> </u>
PE0200	10. DIMEN	B. YA42A- CC C. YA44-A- C ISIONS IN BRAC .OG NUMBER SC	ONNECTORS: 90 ONNECTORS: 60 ONNECTORS AC KETS[]ARE IN CHEME: EX: YA3	00 KCMIL CLASS B COMPACT W 00 KCMIL CU REQUIRES THE US CCOMMODATE 1100 KCMIL WIR I MILLIMETERS ROUNDED OFF 4A3. ERMINAL, 34 = WIRE SIZE (500	SE OF TH RE CLAS TO THE	HE 644 SER S A AND CL NEAREST I	RIES OR 444 SE LASS B COMPA MILLIMETER, U	RIES DIE-LESS ACT, BUT IS NOT JNLESS OTHER\	INSTALLATION INSTALLATION (INSEESPECIF	ON TOOLS. OR CSA CERTI TIED AND ARE	IFIED.			S.				1-800-38	-346-4175 1-800-361 87-6487	CANADA: -6975 (QUI (ALL OTHEF	DERRY, NH)	ES)	DRAWN BY:       E.S.K.       7/19         CHECKER:       S.F.P.       8/01         DSN APPVL:       R.B.       8/02         MFG APPVL:        6/19         MKT APPVL:        6/19         PROD FAM:       CM&R COMPRESSION       SIZE         DOCUMENT       SOLES       DOCUMENT	DRAWING NO RE	S
RE V		8	,	7	-/·		6	<del>-</del>		5				4				3				I T	DOCUMENT Sales TYPE: REL LEVEL: Released	SD073935 B SHEET 3 OF 10	





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6> 11>	5	WIRE / CONDUCTOR SIZE	STUD NO. OF SIZE HOLES	STUD HOLE DIAMETER FI	OUTSIDE IG. DIAMETER	BARREL PAD LENGTH WIDTH	PAD HOLE LENGTH SPACING	OVERALL LENGTH	HOLE OFFSET	PAD THICKNESS HEIGHT (H)	COLOR CODE	DIE INDEX	WIRE STRIP ENGTH RATING		RE DATE DESCRIPTI  BD 03/10/2021 INSTALLATION INS	ON EC BY C'H'K STRUCTION 210308005775 SS YR	
CATALOG NUMBER	ALUMINUM	COPPER CCA	SIZE HOLES	(K)	(OD)	(B) (C)	(D) (E >< F		(N)	(T)	CODE	INDEX	ENGTH RATING		ADDED		
YA44A1 1	1000 KCMIL	1000 KCMIL   750 KCMIL DLO (1184/22) 800 KCMIL DLO (1258/22)		.69 [18]	1 1.84 [47]	2.74 [70] 2.50 [64	1.89 [48]	6.50 [165]	.88 [22]	.66 [17]	BROWN	302 3	5-1/8" 90°C	_		B —	
YA44A3 1	1000 KCMIL	1000 KCMIL 750 KCMIL DLO (1184/22) 800 KCMIL DLO (1258/22)	) 1/2 2	.56 [14]	2 1.84 [47] 2	2.74 [70] 1.65 [42	] 3.15 [80] 1.75 [4	4] 7.76 [197]	.63 [16]	.55 [14]	BROWN	302 3	5-1/8" 90°C				
YA44A6 1	1000 KCMIL	1000 KCMIL 750 KCMIL DLO (1184/22) 800 KCMIL DLO (1258/22)	) 1/2	.56 [14]	3 1.84 [47] 2	2.74 [70] 3.03 [77	] 3.15 [80] 1.75 [4	4] 7.76 [197]	.63 [16]	.53 [13]	BROWN	302 3	5-1/8" 90°C			INTERNAL CHAMFER	-
D YA45A5 1	1250 KCMIL	1250 KCMIL DLO (1406/22)	) 1/2 2	.56 [14]	2 1.84 [47] 2	2.74 [70] 2.59 [66	] 3.12 [79] 1.75 [4-	4] 7.73 [196]	.63 [16]	.51 [13]	BROWN	302 3	5-1/8" <b>75°C</b>	_			
	1250 KCMIL	900 KCMIL DLO (1334/22)	) 1/2 4				] 3.12 [12] 1.75 [44				BROWN		5-1/8" 75°C	- N	► CRIMP	dia. Pizone <u>L</u> i	
	1500 KCMIL	1500 KCMIL   1000 KCMIL DLO (1554/22	1/2 2				] 3.15 [80] 1.75 [44				BLUE		5-3/4" 75°C	_			
	1500 KCMIL	1500 KCMIL	1/2 4	.56 [14]	3 2.26 [57]	3.30 [84] 3.08 [78	] 3.15 [80] 1.75 [4-	4] 8.73 [222]	.63 [16]	.81 [21]	BLUE		5-3/4" 75°C			O.D.	
	2000 KCMIL	2000 KCMIL	1/2 2				] 3.11 [79] 1.75 [4				RED		1/8" 75°C		FIG. 1		
	2000 KCMIL 2000 KCMIL	2000 KCMIL 2000 KCMIL	1/2 2				] 3.00 [76] 1.75 [4- ] 3.11 [79] 1.75 [4-				RED RED		1/8" 75°C 1/8" 75°C	<u> </u> 	FIG. 1		
2. CONNEC 3. APPLICA (IF APPL A. B.	ECTION: COMP CABLE STANDA PLICABLE), AND UL LISTING CSA C22.2	ULATED ALUMINUM COMPRESSION TERMINAL RESSION CONNECTIONS MADE ARE IRREVER ARDS: PRODUCTS ARE ONLY UL LISTED AND CONNECTORS. THE USE OF OTHER INDUSTR TO UL486A-486B-WIRE CONNECTORS	RSIBLE AND MAINTENA CSA CERTIFIED WHEN	ANCE FREE. N INSTALLED USIN	NG THE BURNDY E		,	FICATIONS.							FIG. 2  FIG. 2  AX K DIA	ZONE	C
A. B. C. WIRE A. A. B. C.	. UL LISTED : . ALUMINUM . ALUMINUM . ACCOMMODAT . CODE ALUM . CODE COP . COPPER CI . TOR FINISHES ELECTRO-T . NICKEL PLA . SILVER PLA . TIN ZINC : A	VOLTAGE RATING:  90°C OR 75°C, UP TO 35kV *SEE CONNECTOR  I CONNECTORS MARKED AL9CU ACCOMMODA  I CONNECTORS MARKED AL7CU ACCOMMODA  IE TYPES (SEE TABLE): DUAL RATED TO ACCO  MINUM WIRE (CU): CLASS B (CONCENTRIC, CO  IPER WIRE (AL): CLASS B (CONCENTRIC, COMP  LAD ALUMINUM (CCA) STRANDING: SEE TABLE  AND SUFFIX: SEE SECTION C OF THE BURNDY  TIN PLATED: CONNECTORS HAVING NO SUFFIX  ATED: APPLY SUFFIX "NK" TO A CATALOG NUM  APPLY SUFFIX "TO A CATALOG NUM  APPLY SUFFIX "TO A CATALOG NUMBER IN  NECTORS: APPLYING SUFFIX "BR" TO A CATALO  NECTORS: APPLY TO A C	ATE ALUMINUM (AL) A ATE ALUMINUM (AL) A DMMODATE ALUMINUM DMPRESS, COMPACT) PRESS, COMPACT) E FOR SELECT TERMI Y MASTER CATALOG IX ARE TIN PLATED UI MBER IN THE TABLE, I N THE TABLE, IF NOT	ND COPPER (CU) ND COPPER (CU) M AND COPPER W STRANDING. R CLASS C STRAN INALS AND APPLIC FOR PLATING SEF NLESS OTHERWIS F NOT SPECIFIED SPECIFIED. CATA	CODE WIRE UP TO CODE WIRE UP TO VIRE.  NDING. CABLE CCA WIRE RVICE TEMPERATE SE SPECIFIES. CATALOG NUMBER EXAMELOG NUMBER EXAM	O 90°C. O 75°C. SIZES. TURE RATINGS. TALOG NUMBER EXA BER EXAMPLE: YA34A AMPLE: YA34A	A3 <u>NK</u> . A3 <u>SV</u> .					1. 2. 3. 4. 5. 6. 7. 8.	CAL MARKINGS: BURNDY COMPAI UL LOGO, IF APPL CSA LOGO, IF AP BURNDY CATALO WIRE ACCOMMOI COLOR CODE IDE DIE INDEX NUMBI CRIMP ZONE BAN (KNURL MARKS)	LICABLE PLICABLE G NUMBER DATES ENTIFIER 3	BURNDY YA44A3  BROWN DIE 302	J NON (8)	B
8. INSTALLA 9. SPECIAL A. B.	BARREL TY APPLICABL BARREL DE TERMINALS EACH TERM PAD/TONGI FIELD BENI CATALOG N BARREL. TH IF NOT LIST THE TERMI LATION TOOLING L REQUIREMEN YA39A- COO YA42A- COO	PICAL ROLL MARKINGS (AS SPACE PERMITS)  LE), WIRE SIZE, DIE COLOR CODE (IF SPACE PERSIGN: BARREL END AT THE WIRE HAS AN INTES ARE PRE-FILLED WITH PENETROX™ A13, WHO MINAL HAS A COLOR-CODED END CAP TO MATHER TOWNSHIP OF THE PREVENTS AND LIGHT OF THE TOWNSHIP OF TWO TWO TOWNSHIP OF TWO TWO TOWNSHIP OF TWO	ERMITS), DIE INDEX NERNAL CHAMFER, ALL HICH IS AN OXIDE INHITCH THE DIE COLOR DE, AND FOUR HOLE LAR CONNECTION WILL THE TRANSITION IN DR ENTERING THE BAMER SERVICE FOR 45 OG NUMBER SUFFIX SED. PLEASE SEE BUITEE REQUIRES THE USE OF THE 644 SERIES	IUMBER. LOWING FOR A SIBITOR. CODE. THIS ALSO DESIGNS. CONTA LL VOID ALL APPL THE TERMINAL BI RREL THROUGH TO SO, 90°, AND OR OT SO INDICATES THA RNDY MASTER CA USE OF THE 644 SI SOR 444 SERIES I	SMOOTH WIRE INS O PREVENTS PART ACT CUSTOMER S LICABLE STANDAR ETWEEN THE PAD THE PAD. THER ANGULAR LI AT THE TERMINAL ATALOG FOR THIS ERIES OR 444 SEF	SERTION.  TICLES FROM ENTER SERVICE FOR ALTER RDS LISTED IN NOTE D AND BARREL ARE S  UGS FOR PRODUCT L IS BENT AT A 90 DEC S PRODUCT FAMILY,  RIES DIE-LESS INSTALATION TOOLS.	ING THE BARREL.  NATE PAD CONFIGUR  2.  SOLDER OR BRAZE SE  AVAILABILITY. CATAL  GREE ANGLE.  WHICH CAN BE FOUNI  ALLATION TOOLS AND	ATIONS.  EALED TO BE OIL  OG NUMBER SU  O ON THE BURNI	_ TIGHT INSI FFIX 45 INDI	IDE THE	1-800-3	DER BURNDY® UNITED S	PRODUCTS CALL STATES NDONDERRY, NH) DA:	ITEM NO: CAT. NO: DRAWN BY: CHECKER: DSN APPVL MFG APPVL	YA8CA - (SEE TABLE) E.S.K. 7/19/72 S.F.P. 8/01/72 E. R.B. 8/02/72	1	A
10. DIMENSION 11. CATALOG	SIONS IN BRACK OG NUMBER SC	KETS [ ] ARE IN MILLIMETERS ROUNDED OFF THEME: EX: YA34A3. RESSION, A = TERMINAL, 34 = WIRE SIZE (500 K	TO THE NEAREST MIL	LIMETER, UNLES	S OTHERWISE SP	PECIFIED AND ARE FO					1-800-387	-6487 (ALL	OTHER PROVINCES  D://www.burndy.com	MKT APPVL PROD FAM: PROJECT # DOCUMENT TYPE:	CM&R COMPRESSION SIZE	SCALE NTS  DRAWING NO REV  SD073935  SHEET 6 OF 10	/

	SD035209			/		5		$\bigcup$
		WIRE SIZE			Mechanical	& Ratchet		al & Ratchet
		ACCOMMODATES			Dies Required			Die Tools # imps
	CATALOG NUMBER		Wire					
	DESIGNATION	Class P. C	Strip Length	COLOR CODE INDEX#	MD6 and MD7		MY28 and	
		Class B, C (AL/CU)			Series	OUR840	MY29 Series	MRC840AL
					X8CART (2)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
	YA8CA-	#8 AWG	5/8	BLUE 374	W374 (1)	X8CART (2)	1 CRIMP	1 CRIMP
	YA6CA-	#6 AWG	3/4	Gray 346	X6CART (2)	X6CART (2)	1 CRIMP	1 CRIMP
				No Color 161 Green 375	W161 (1) X4CART (3)	X161 (2) X4CART (3)	1 CRIMP	2 CRIMP
	YA4CA-	#4 AWG	1	No Color 162	W162 (3)			
				Pink 348	X2CART (4)	X2CART (4)	2 CRIMP	2 CRIMP
	YA2CA-	#2 AWG	1-1/4	No Color 163	W163 (3)			
				No Color 239	W239 (2)	X239 (4)		
	YA1CA-	#1 AWG	1-1/16	Gold 471 No Color 163	X1CART (3) W163 (3)	X1CART (3)	2 CRIMP	2 CRIMP
				Tan 296	X25ART (4)	 X25ART (4)	2 CRIMP	2 CRIMP
	YA25A-	1/0 AWG	1-3/16	No Color 241	W241 (2)	X241 (4)		
	\/A001	0/0 434/0	4.070	Olive 297	X26ART (4)	X26ART (4)	2 CRIMP	3 CRIMP
	YA26A-	2/0 AWG	1-3/8	No Color 245	WBG (2) W245 (3)	XBG (4) X245 (4)		
	\/A074	0/0 414/0	4.476	Ruby 467	X27ART (4)	X27ART (4)	2 CRIMP	3 CRIMP
	YA27A-	3/0 AWG	1-1/2	No color 166	W166 (4)			
	YA28A-	4/0 AWG	1-5/8	White 298	X28ART (6)	X28ART (6)	2 CRIMP	3 CRIMP
				No color 660	W660 (3)	X660 (8)		
	YA29A-	250 kcmi	1-5/8	Red 324				
	YA30A-	300 kcmil	1-3/4	BLUE 470				
	1 7007-	JOU KUITIII	1-5/4	DLUL 470				
	YA31A-	350 kcmil	2-1/8	BROWN 299	W31ART (4)			
$\mathbb{R}$	VA22A	400 komil	2 4/2	Groon 470				<del> </del>
⊥)	YA32A-	400 kcmil	2-1/2	Green 472				
	YA34A-	500 kcmil	2-5/8	PINK 300				
				<b>D.</b>				<del>                                     </del>
	YA36A-	600 kcmil	2-7/8	Black 473				
	YA39A-	700 - 750 kcmil	2-7/8	Yellow 936				
	YA40A-	800 kcmil	3	Gray 474				
	YA42A-	900 AL kcmil	2-7/8	Gray 303				
	YA44A-	1000 kcmil	3-1/8	Gray 474				
	YA45A-	1250 kcmil	3-1/8	BROWN 302				
	YA46A-	1500 kcmil	3-3/4	Blue 478				
^	YA47A-	1750 kcmil	4-3/8	White 587				
A	YA48A-	2000 kcmil	4-1/8	Red 479				
	1 74071	ZUUU KUIIII	4-1/0	1164478				
1200								
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		WIRE SIZE ACCOMMODATES				Hydrau	ılic Tools - Dies (# Crimps)	-	
	CATALOG NUMBER DESIGNATION	Class B, C (AL/CU)	Wire Strip Length	COLOR CODE INDEX#	MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series
	YA8CA-	#8 AWG	5/8	BLUE 374	X8CART (2) W374 (1)	U8CABT (1)	U8CABT (1)	U8CABT (1)	
	YA6CA-	#6 AWG	3/4	Gray 346 No Color 161	X6CART (2) W161 (1) X161 (2)	U6CABT (1)	U6CABT (1)	U6CABT (1)	
	YA4CA-	#4 AWG	1	Green 375 No Color 162		U4CABT (1)	U4CABT (1)	U4CABT (1)	
	YA2CA-	#2 AWG	1-1/4	Pink 348 No Color 163	X2CART (4) W163 (3)	U2CABT (1)	U2CABT (1)	U2CABT (1)	
	YA1CA-	#1 AWG	1-1/16	No Color 239 Gold 471		 U1CART (1)	 U1CART (1)	 U1CART (1)	
	YA25A-	1/0 AWG	1-3/16	No Color 163 Tan 296	W163 (3) X25ART (4)	· ·		 U25ART (1)	
	YA26A-	2/0 AWG	1-3/8	No Color 241 Olive 297	W241 (2) X26ART (4) WBG (2)	 U26ART (2)	 U26ART (2)	 U26ART (2)	
	YA27A-	3/0 AWG	1-1/2	No Color 245 Ruby 467	W245 (3) X27ART (4)	 U27ART (2)	 U27ART (2)	 U27ART (2)	
	YA28A-	4/0 AWG	1-1/2	No color 166 White 298		 U28ART (2)	 U28ART (2)	 U28ART (2)	 L28ART (1)
	YA29A-	250 kcmi	1-5/8	No color 660 Red 324	W660 (3) 	 U29ART (2)	 U29ART (2)	 U29ART (2)	 L29ART (1)
	YA30A-	300 kcmil	1-3/4	BLUE 470		U30ART (2)	U30ART (2)	U30ART (2)	L30ART (1)
	YA31A-	350 kcmil	2-1/8	BROWN 299	W31ART (4)	U31ART (2)	U31ART (2)	U31ART (2)	L31ART (1)
B	YA32A-	400 kcmil	2-1/2	Green 472		U32ART (4)	U32ART (4)	U32ART (4)	L32ART (2)
	YA34A-	500 kcmil	2-5/8	PINK 300		U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
	YA36A-	600 kcmil	2-7/8	Black 473		U36ART (4)	U36ART (4)	U36ART (4)	L36ART (2)
	YA39A-	700 - 750 kcmil	2-7/8	Yellow 936		U39ART2 (4)		U39ART2 (4)	
	YA40A-	800 kcmil	3	Gray 474			S40ART (4)	P40ART (4)	L40ART (2)
	YA42A-	900 AL kcmil	2-7/8	Gray 474			U42ART (4)	U42ART (4) P44ART (4)	 L44ART (2)
	YA44A- YA45A-	1000 kcmil 1250 kcmil	3-1/8	Gray 474  BROWN 302			S44ART (4) S44ART (4)	P44ART (4)	L44ART (2) L44ART (2)
\ \ \ \	YA46A-	1500 kcmil	3-1/6	Blue 478				( <del>4</del> )	L44ART (2)
	YA47A-	1750 kcmil	4-3/8	White 587					L47ART (2)
	YA48A-	2000 kcmil	4-1/8	Red 479					L48ART (2)
E0200									
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		$\bigcirc$		/					

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		WIRE SIZE ACC	OMMODATES				_	ools - Dieless		RE
$\Gamma$	CATALOG NUMBER DESIGNATION	Class B, C (AL/CU)	Copper Clad Aluminum (CCA) Only for use with 644 / 444S Series	Wire Strip Length	COLOR CODE INDEX#	81K, 4PC Series	644 Series	444S Series	Y644MBH Remote Head	
	YA8CA-	#8 AWG		5/8	BLUE 374	1 CRIMP				
	YA6CA-	#6 AWG		3/4	Gray 346 No Color 161	1 CRIMP	1 CRIMP		1 CRIMP	
	YA4CA-	#4 AWG		1	Green 375 No Color 162	1 CRIMP	1 CRIMP	1 CRIMP	1 CRIMP	
1	YA2CA-	#2 AWG		1-1/4	Pink 348 No Color 163	2 CRIMPS	1 CRIMP 	1 CRIMP	1 CRIMP 	
	YA1CA-	#1 AWG		1-1/16	No Color 239 Gold 471	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA25A-	1/0 AWG		1-3/16	No Color 163 Tan 296	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA26A-	2/0 AWG		1-3/8	No Color 241 Olive 297	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA27A-	3/0 AWG		1-1/2	No Color 245 Ruby 467	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
C	YA28A-	4/0 AWG		1-5/8	No color 166 White 298	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA29A-	250 kcmi		1-5/8	No color 660 Red 324	2 CRIMPS	 1 CRIMP	1 CRIMP	1 CRIMP	
	YA30A-	300 kcmil	4/0 AWG CCA DLO (329/22)	1-3/4	BLUE 470	2 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA31A-	350 kcmil	250 kcmil CCA DLO (399/22)	2-1/8	BROWN 299	3 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
_	YA32A-	400 kcmil		2-1/2	Green 472	4 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA34A-	500 kcmil	350 kcmil CCA DLO (779/22)	2-5/8	PINK 300	4 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA36A-	600 kcmil	500 kcmil CCA DLO (779/22)	2-7/8	Black 473	4 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
	YA39A-	700 - 750 kcmil	600 kcmil CCA DLO (925/22)	2-7/8	Yellow 936	4 CRIMPS	1 CRIMP	1 CRIMP	1 CRIMP	
D	YA40A-	800 kcmil		3	Gray 474		1 CRIMP	1 CRIMP	1 CRIMP	
В	YA42A-	900 AL kcmil		2-7/8	Gray 303		2 CRIMPS	2 CRIMPS	2 CRIMPS	
	YA44A-	1000 kcmil	750 kcmil CCA DLO (1184/22) 800 kcmil CCA DLO (1258/22)	3-1/8	Gray 474			1 CRIMP	1 CRIMP	
	YA45A-	1250 kcmil	900 kcmil CCA DLO (1406/22) 1000 kcmil CCA DLO (1554/22)	3-1/8	BROWN 302					
	YA46A-	1500 kcmil		3-3/4	Blue 478					
	YA47A-	1750 kcmil		4-3/8	White 587		<b></b>			
	YA48A-	2000 kcmil		4-1/8	Red 479					
REV: PE0200	8		7			6		5		TO GROER BURNDY® PRODUCTS CALL

SD035209 RE DATE DESCRIPTION Installation Instructions BD 03/10/2021 INSTALLATION INSTRUCTION ADDED CATALOG NUMBER DESIGNATION 210308005775 SS YR Installation instructions help the installer understand proper wire preparation, proper YA8CA- YA6CA- YA4CA- YA2CA- YA1CA- YA25Ainsertion requirements, crimp zone location, individual crimp location, crimp order and 1 2 crimp direction, to ensure safe and reliable wire connections. In order to obtain a UL Listing BURNDY certifiesits products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories. CRIMP ZONE Aluminum Installation Steps: 1234 1 2 3 Select the appropriate connector based on: Wire Material Wire Construction Wire Size **CRIMP ZONE** Strip the insulation to the appropriate wire strip length, based on the table's CATALOG NUMBER DESIGNATION Wire Strip Length recommendation for the selected connector. Due to YA26A- YA27A- YA28A- YA29A- YA30A- YA31A-YA39AM- YA40A- YA44A- YA45A- YA46A- YA48Atolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY. Wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors. CRIMP ZONE **CRIMP ZONE** 2 3 3 Apply PENETROX™ A13 oxide inhibitor to the bare conductor. Insert the conductor into the barrel for the full length. The connector barrel is filledwith PENETROX™ A13, so be aware of the following: Oxide inhibitor may discharge from the barrel when wire is fully inserted. CRIMP ZONE **CRIMP ZONE** Oxide inhibitor may cause resistance that could feel like the wire is fully 1 2 3 4 5 6 1 2 3 4 5 6 7 8 inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance. Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and **CRIMP ZONE CRIMP ZONE** direction for the proper number of crimps. CATALOG NUMBER DESIGNATION YA36A- YA39A-YA32A-YA34A-YA42A-Remove excess PENETROX™ A13 that may discharge during installation. 1 | 2 | 3 | 4 | \* "For simplicity, the images show a 1-hole connector, however, connectors are available 1-hole, 2-hole or more hole patterns." **CRIMP ZONE** HYLUG TM TO ORDER BURNDY® PRODUCTS CALL ITEM NO: N/A YA8CA - (SEE TABLE) CAT. ND: UNITED STATES
1-800-346-4175 (LONDONDERRY, NH) DRAWN BY: CHECKER: 8 BURNDY SN APPVL: R.B. CANADA: 1-800-361-6975 (QUEBEC) MFG APPVL: -QA APPVL: D. VARIO 6/19/9 SCALE NTS 1-800-387-6487 (ALL OTHER PROVINCES) MKT APPVL: PROD FAM: CM&R COMPRESSION
PROJECT #: -- SI DRAWING NO FOR PRODUCT INFO: http://www.burndy.com SD..073935 TYPE: Sales
REL LEVEL: Released SHEET 10 DF 10