

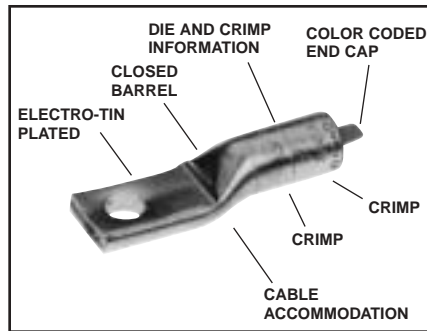
### TYPE YA-A AND YA-A-TN (Continued)

**HYLUG™**

**UNINSULATED ALUMINUM  
COMPRESSION TERMINAL**

**C-118 1-HOLE DESIGN**

UL Listed 90° C,  
600 Volts to 35 KV◆



CATALOG NUMBER	CODE CONDUCTOR	STUD SIZE	NO. OF HOLES IN PAD	DIMENSIONS						INSTALLATION TOOLING ▲					WIRE STRIP LENGTH						
				C	D	L	N	T REF.	Z MIN.	DIELESS		Y35, Y39, Y70, Y46*		▲ DIE INDEX							
										MECHANICAL TOOLING	HYDRAULIC HYPRESS	DIE NUMBER (# OF CRIMPS)	COLOR CODE								
YA4CA1	4 str.	1/4	1	.47	.75	2.13	.33	.18	.42	MY29-3 (1)-Crimp	Y644M (1) Crimp	U4CABT (1)	Green	375	7/8"						
YA4CA3		5/16		.80	.87	2.25	.41	.12	.46			U2CABT (1)	Pink	348	1-1/8"						
YA4CA6		3/8		.80	.94	2.32	.44	.12	.50			U1CART (1)	Gold	471	15/16"						
YA2CA5	2 str.	1/4	1	.50	.91	2.25	.32	.22	.43			MY29-3 (2) Crimps	Y644M (1) Crimp	U2CABT (1)	Pink	348	1-1/8"				
YA2CA1		5/16		.88	1.03	2.50	.41	.16	.47					U1CART (1)	Gold	471	15/16"				
YA2CA3		3/8		.88	1.03	2.56	.44	.16	.50					U25ART (1)	Tan	296	1-1/16"				
YA1CA1	1 str.	3/8	1	.76	1.19	2.59	.44	.19	.75					MY29-3 (2) Crimps	Y644M (1) Crimp	U26ART (2)	Olive	297	1-3/8"		
YA25A1	1/0 str.	5/16	1	.60	.87	2.31	.41	.21	.46							U27ART (2)	Ruby	467	1-1/2"		
YA25A3		3/8		.82	1.18	2.67	.63	.21	.55							U28ART (2)	White	298	1-5/8"		
YA25A9		1/2		1.03	1.34	2.67	.63	.17	.71							U29ART (2)	Red	324	1-5/8"		
YA26A6	2/0 str.	3/8	1	.67	1.18	2.79	.44	.24	.74							MY29-3 (2) Crimps	Y644M (1) Crimp	U26ART (2)	Olive	297	1-3/8"
YA26A1		1/2		1.03	1.36	3.03	.63	.20	.73									U27ART (2)	Ruby	467	1-1/2"
YA27A1	3/0 str.	3/8	1	.73	1.18	2.88	.44	.26	.74	U28ART (2)	White							298	1-5/8"		
YA27A3		1/2		1.04	1.37	3.27	.63	.26	.74	U29ART (2)	Red							324	1-5/8"		
YA28A1	4/0 str.	3/8	1	1.17	1.18	3.26	.44	.30	.74	-	-							U28ART (2)	White	298	1-5/8"
YA28A3		1/2		1.17	1.36	3.44	.63	.30	.73			U30ART (2)	Blue					470	1-3/4"		
YA29A1	250 kcmil	1/2	1	1.26	1.36	3.53	.63	.33	.73			U31ART (2)	Brown					299	2-1/8"		
YA30A6	300 kcmil	3/8	1	1.38	1.37	3.90	.63	.36	.74			U32ART (4)	Green					472	2-1/2"		
YA30A1		1/2		1.38	1.37	3.90	.63	.36	.74			U34ART (4)	Pink	300	2-5/8"						
YA31A1	350 kcmil	1/2	1	1.52	1.37	4.33	.63	.39	.74			U36ART (4)	Black	473	2-7/8"						
YA32A1	400 kcmil	5/8	1	1.62	1.88	4.92	.88	.43	1.00			U39ART-2 (4)	Yellow	936	2-7/8"						
YA34A1	500 kcmil	5/8	1	1.80	1.91	5.56	.88	.46	1.03			P44ART** (4)	Brown	302	3"						
YA36A1	600 kcmil	5/8	1	1.97	1.88	5.82	.88	.52	1.00												
YA39A1	700/750	1/2	1	2.05	1.34	5.26	.63	.43	.71												
YA39A3	kcmil	5/8		2.05	1.88	5.80	.88	.43	1.00												
YA44A1	1000 kcmil	5/8	1	2.50	1.89	6.50	.88	.43	1.01												

\* Contact BURNDY® for conductor, stud sizes and hole drillings not shown.  
▲ See tooling section of this catalog for complete tool and die listings.

\* Use PUADP-1 adaptor with "U" dies in Y46 Hypress™.  
\*\* P44ART for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

### Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range taking capabilities:

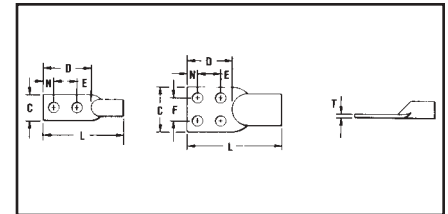
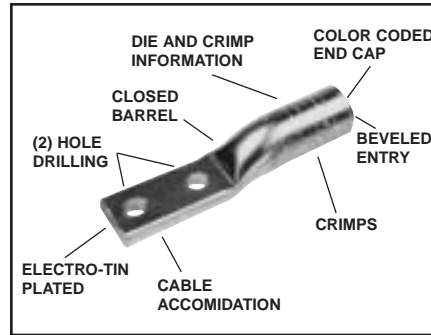
ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil
				800 kcmil	800 - 500 kcmil
				1000 kcmil	1000 - 750 kcmil

### TYPE YA-A

#### HYLUG™

### UNINSULATED ALUMINUM COMPRESSION TERMINAL 2-HOLE AND 4-HOLE DESIGNS

UL Listed 90° C, 600 Volts to 35 KV◆



C-119

Type YA-A 2- and 4-hole pads inhibit connector rotation and increase area contact. These

aluminum terminals have the same design features and benefits as the 1-hole YA-A with an added stud hole for a more secure termi-

nation to various types of equipment pads. They are dual-rated for use on both aluminum and copper conductors.

CATALOG NUMBER	CODE CONDUCTOR	STUD SIZE	NO. OF HOLES IN PAD	DIMENSIONS							INSTALLATION TOOLING ▲					WIRE STRIP LENGTH
				C	D	E & F	L	N	T REF.	Z MIN.	DIELESS		Y35, Y39, Y750, Y46*	▲ DIE INDEX		
											MECHANICAL TOOLING	HYDRAULIC HYPRESS			DIE NUMBER (# OF CRIMPS)	
YA2CA9	2 str.	1/2	2-NEMA	1.12	1.03	1.75	4.73	.63	.16	.73	MY29-3 (1) Crimp	Y644M (1) Crimp	U2CABT (1)	Pink	348	1-1/8"
YA25A5	1/0 str.	3/8	2	.82	2.24	1.06	3.73	.63	.21	.55			U25ART (1)	Tan	296	1-1/16"
YA25A7	2/0 str.	1/2	2-NEMA	1.03	3.10	1.75	4.59	.63	.17	.72	MY29-3 (2) Crimps	Y644M (1) Crimp	U26ART (2)	Olive	297	1-3/8"
YA26A3		3/8	2	.92	1.89	1.00	3.56	.44	.24	.45			U27ART (2)	Ruby	467	1-1/2"
YA26A5	3/0 str.	1/2	2-NEMA	1.04	1.22	1.75	5.02	.63	.26	.74	-	-	U28ART (2)	White	298	1-5/8"
YA27A5		3/8	2	1.04	1.89	1.00	3.79	.44	.26	.45			U29ART (2)	Red	324	1-5/8"
YA27A7	4/0 str.	1/2	2-NEMA	1.17	3.11	1.75	5.19	.63	.30	.73	-	-	U30ART (2)	Blue	470	1-3/4"
YA28A5		3/8	2	1.17	1.89	1.00	3.97	.44	.30	.45			U31ART (2)	Brown	299	2-1/8"
YA28A7	250 kcmil	1/2	2-NEMA	1.26	3.11	1.75	5.28	.63	.33	.73	-	-	U32ART (4)	Green	472	2"
YA29A3		3/8	2	1.26	1.89	1.00	4.06	.44	.33	.45			U34ART (4)	Pink	300	2-5/8"
YA29A5	300 kcmil	1/2	2-NEMA	1.38	3.11	1.75	5.69	.63	.36	.73	-	-	U36ART (4)	Black	473	2-7/8"
YA30A3		3/8	2	1.38	1.89	1.00	5.64	.44	.36	.45			U39ART (4)	Yellow	936	2-7/8"
YA30A5	350 kcmil	1/2	2-NEMA	1.52	3.11	1.75	6.07	.63	.39	.73	-	-	P39ART** (4)	Red	301	2-7/8"
YA31A5		3/8	2	1.52	1.89	1.00	4.85	.44	.39	.45			P44ART** (4)	Brown	302	3"
YA31A3	400 kcmil	1/2	2-NEMA	1.62	3.15	1.75	6.80	.63	.46	.77	-	-	L46ART (2)	Red	478	2-3/4"
YA32A5		3/8	2	1.62	1.89	1.00	4.93	.44	.43	.94			L48ART (2)	Red	479	4-1/8"
YA34A3	500 kcmil	1/2	2-NEMA	1.62	3.15	1.75	7.09	.63	.52	.77	-	-				
YA34A5		3/8	2	1.80	1.89	1.00	5.54	.44	.46	.45						
YA36A3	600 kcmil	1/2	2-NEMA	1.62	3.15	1.75	7.09	.63	.52	.77	-	-				
YA36A5		3/8	2	1.97	1.89	1.00	5.83	.44	.52	.45						
YA39A7	700/750 kcmil	3/8	2	2.05	1.89	1.00	5.81	.44	.43	.45	-	-				
YA39A5		1/2	2-NEMA	1.62	3.15	1.75	7.07	.63	.43	.77						
YA39AM2	1000 kcmil	1/2	2-NEMA	1.69	3.12	1.75	7.31	.63	.57	.74	-	-				
YA44A3		1/2	2-NEMA	1.65	3.15	1.75	7.76	.63	.66	.77						
YA46A3	1500 kcmil	1/2	2-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78	-	-				
YA46A5		1/2	4-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78						
YA48A3	2000 kcmil	1/2	2-NEMA	3.57	3.11	1.75	8.49	.63	.90	.73	-	-				

• Contact BURNDY® or conductor, stud sizes and hole drillings not shown.  
▲ See tooling section of this catalog for complete tool and die listings.

‡ Use Y60 BHU HYPRESS™ with L46ART and L48ART die sets.  
90° C Rated.  
\* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.

\*\* P39ART and P44ART die sets for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.  
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

### Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range taking capabilities:

ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil
				800 kcmil	800 - 500 kcmil
				1000 kcmil	1000 - 750 kcmil