

TYPE YA-A

HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

2-HOLE AND 4-HOLE DESIGNS

UL Listed 90° C, 600 Volts to 35 kV ♦

(Continued)



AL9CU



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

C-203

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 (# of crimps)		Y35, Y39, Y750, Y46*	Die Number (# of crimps)	Color Code		▲ Die Index
											Mech. Tooling	Hydraulic HYPRESS					
YA2CA9	2 str.	1/2	2	0.88	3.11	1.75	4.73	0.63	0.16	0.73	MY29-3 (1)	Y / PAT644 (1) Y / PAT81KFT (1)	U2CART (1)	Pink	348	1-1/8	
YA25A7	1/0 str.	1/2	2	1.03	3.10	1.75	4.59	0.63	0.17	0.72	MY29-3 (1)	Y / PAT644 (1) Y / PAT81KFT (2)	U25ART (1)	Tan	296	1-1/16	
YA25A5		3/8	2	0.82	2.24	1.06	3.73	0.63	0.21	0.55							
YA26A3	2/0 str.	1/2	2	1.03	3.11	1.75	4.78	0.63	0.20	0.73	MY29-3 (2)	Y / PAT644 (1) Y / PAT81KFT (2)	U26ART (2)	Olive	297	1-3/8	
YA26A5		3/8	2	0.92	1.89	1.00	3.56	0.44	0.24	0.45							
YA27A7	3/0 str.	3/8	2	1.04	1.89	1.00	3.79	0.44	0.26	0.45	MY29-3 (2)	Y / PAT644 (1) Y / PAT81KFT (2)	U27ART (2)	Ruby	467	1-1/2	
YA27A5		1/2	2	1.04	3.06	1.75	5.02	0.63	0.26	0.74							
YA28A7	4/0 str.	3/8	2	1.17	1.89	1.00	3.97	0.44	0.30	0.45	MY29-3 (2)	Y / PAT644 (1) Y / PAT81KFT (2)	U28ART (2)	White	298	1-5/8	
YA28A5		1/2	2	1.17	3.11	1.75	5.19	0.63	0.30	0.73							
YA29A5	250 kcmil	3/8	2	1.26	1.89	1.00	4.06	0.44	0.33	0.45	—	Y / PAT644 (1) Y / PAT81KFT (2)	U29ART (2)	Red	324	1-5/8	
YA29A3		1/2	2	1.26	3.11	1.75	5.28	0.63	0.33	0.73							
YA30A5	300 kcmil	3/8	2	1.38	1.89	1.00	4.42	0.44	0.36	0.45	—	Y / PAT644 (1) Y / PAT81KFT (2)	U30ART (2)	Blue	470	1-3/4	
YA30A3	4/0 AWG CCA DLO (329/22)	1/2	2	1.38	3.11	1.75	5.64	0.63	0.36	0.73							
YA31A5	350 kcmil	3/8	2	1.52	1.89	1.00	4.85	0.44	0.39	0.45	—	Y / PAT644HS (1) Y / PAT81KFT (3)	U31ART (2)	Brown	299	2 1/8	
YA31A3	250 kcmil CCA DLO (399/22)	1/2	2	1.52	3.11	1.75	6.07	0.63	0.39	0.73							
YA32A5	400 kcmil	3/8	2	1.62	1.89	1.00	4.93	0.44	0.43	0.45	—	Y / PAT644HS (1) Y / PAT81KFT (3)	U32ART (4)	Green	472	2	
YA32A3		1/2	2	1.62	3.11	1.75	6.15	0.63	0.43	0.73							
YA34A5	500 kcmil	3/8	2	1.80	1.89	1.00	5.54	0.44	0.46	0.45	—	Y / PAT644 (1) Y / PAT81KFT (4)	U34ART (4)	Pink	300	2 5/8	
YA34A3	350 kcmil CCA DLO (551/22)	1/2	2	1.62	3.15	1.75	6.80	0.63	0.46	0.77							
YA36A5	600 kcmil	3/8	2	1.97	1.89	1.00	5.64	0.69	0.52	0.45	—	Y / PAT644HS (1) Y / PAT81KFT (4)	U36ART (4)	Black	473	2 7/8	
YA36A3	500 kcmil CCA DLO (779/22) *900 Compact AL	1/2	2	1.62	3.15	1.75	7.09	0.63	0.52	0.77							

- Contact BURNDY® for 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.

- * 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.
- + Tested with Y644HSXT and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact AL.

- ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- ▲ U die for 900 AL only
- ▲▲ 75° C Rated
- Note: All dimensions shown are for reference only.