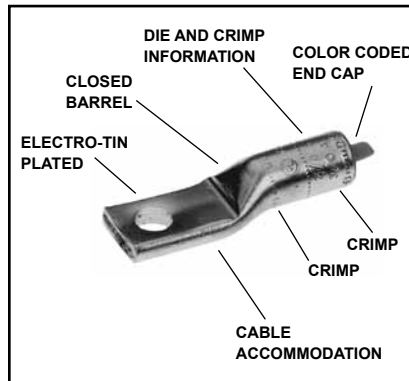


Compression Connections

BURNDY®

Aluminum Compression — Tin Plated — For Aluminum & Copper Conductors

TYPES YA-A AND YA-A-TN (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

C-144

HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

1-HOLE DESIGN

Catalog Number	Code Conductor *	Stud Size	No. of Holes in Pad	Dimensions						Installation Tooling ▲					Wire Strip Length
				C	D	L	N	T	Z	Dieless (# of crimps)		Die Number (# of crimps)	Color Code	▲ Die Index	
										Mechanical Tooling	Hydraulic HYPRESS™				
YA2CA5	2AWG	1/4	1	0.50	0.75	2.25	0.33	0.22	0.42	MY29-3 (1) MRC840AL (1)	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U2CABT (1)	Pink	348	1-1/8"
YA2CA1		5/16	1	0.88	0.88	2.50	0.41	0.16	0.47			U1CART (1)	Gold	471	15/16"
YA2CA3		3/8	1	0.88	0.94	2.56	0.44	0.16	0.50			U25ART (1)	Tan	296	1-1/16"
YA1CA1	1 AWG	3/8	1	0.76	1.19	2.59	0.44	0.19	0.75	MY29-3 (2) MRC840AL (2)	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U1CART (1)	Gold	471	15/16"
YA25A1	1/0	5/16	1	0.60	0.87	2.31	0.41	0.21	0.46			U26ART (2)	Olive	297	1-3/8"
YA25A3		3/8	1	0.82	1.18	2.67	0.63	0.21	0.55			U27ART (2)	Ruby	467	1-1/2"
YA25A9		1/2	1	1.03	1.34	2.83	0.63	0.17	0.71	U28ART (2)	White	298	1-5/8"		
YA26A6	2/0 AWG	3/8	1	0.67	1.89	2.79	0.44	0.24	0.74	MY29-3 (2) MRC840AL (2)	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U26ART (2)	Olive	297	1-3/8"
YA26A1		1/2	1	1.03	1.36	3.03	0.63	0.20	0.73			U27ART (2)	Ruby	467	1-1/2"
YA27A1	3/0 AWG	3/8	1	0.73	1.18	2.88	0.44	0.26	0.74	MY29-3 (2) MRC840AL (2)	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U27ART (2)	Ruby	467	1-1/2"
YA27A3		1/2	1	1.04	1.37	3.27	0.63	0.26	0.74			U28ART (2)	White	298	1-5/8"
YA28A1	4/0 AWG	3/8	1	1.17	1.18	3.26	0.44	0.30	0.74	MY29-3 (2) MRC840AL (2)	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U28ART (2)	White	298	1-5/8"
YA28A3		1/2	1	1.17	1.36	3.44	0.63	0.30	0.73			U29ART (2)	Red	324	1-9/16"
YA29A9	250 kcmil	3/8	1	1.26	0.83	3.09	0.41	0.33	0.42	—	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U29ART (2)	Red	324	1-5/8"
YA29A1		1/2	1	1.26	1.36	3.53	0.63	0.33	0.73			U30ART (2)	Blue	470	1-3/4"
YA30A6	300 kcmil	3/8	1	1.38	1.37	3.90	0.63	0.36	0.74	—	Y81KFT (2) Y81KFTMBH (2) Y644HSXT (1) PAT81KFT-18V (2)	U30ART (2)	Blue	470	1-3/4"
YA30A1		1/2	1	1.38	1.37	3.90	0.63	0.36	0.74			U31ART (2)	Brown	299	2-1/8"
YA31A1	350 kcmil	1/2	1	1.52	1.37	4.33	0.63	0.39	0.74	—	Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	U31ART (2)	Brown	299	2-1/8"
YA32A9	400 kcmil	3/8	1	1.62	0.83	3.95	0.41	0.43	0.42	—	Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2)	U32ART (4)	Green	472	2-5/16"
YA32A1		5/8	1	1.62	1.88	4.92	0.88	0.43	1.00			U33ART (4)	Pink	300	2-5/8"
YA34A1	500 kcmil	5/8	1	1.80	1.91	5.56	0.88	0.46	1.03	—	Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2)	U34ART (4)	Black	473	2-7/8"
YA36A1	600 kcmil	5/8	1	1.97	1.88	5.82	0.88	0.52	1.00			U39ART-2 (4)	Yellow	936	2-7/8"
YA39A1	700-750 kcmil 900 Compact AL*	1/2	1	2.05	1.34	5.26	0.63	0.43	0.71	—	Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4) PAT644XT-18V (2)	U39ART-2 (4)	Yellow	936	2-7/8"
YA39A3		5/8	1	2.05	1.88	5.80	0.88	0.43	1.00			U40ART (4)	Gray	474	3"
YA39A34	700-750 kcmil	3/4	1	2.05	2.19	6.17	1.00	0.43	1.19	—	Y644HSXT (2) Y644HSXTBH (2) PAT644XT-18V (2)	U40ART (4)	Gray	474	3"
YA40A1	800 kcmil	5/8	1	1.65	1.87	6.12	0.88	0.60	0.99			U42ART (4) [^]	Gray	303	2-7/8"
YA42A1	900 kcmil AL 600 kcmil CU	1/2	1	2.14	1.36	5.32	0.63	0.39	0.71	—	Y644HSXT (2) Y644HSXTBH (2) PAT644XT-18V (2)	U42ART (4) [^]	Gray	303	2-7/8"
YA42A3		5/8	1	2.14	1.36	5.32	0.63	0.39	1.00			P44ART** (4)	Gray	474	3"
YA44A1	1000 kcmil	5/8	1	2.50	1.89	6.50	0.88	0.66	1.01	—	Y644HSXT (2) Y644HSXTBH (2) PAT644XT-18V (2)	P44ART** (4)	Gray	474	3"

* 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.

+ 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

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

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