

TYPES YA-A AND YA-A-TN

HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL

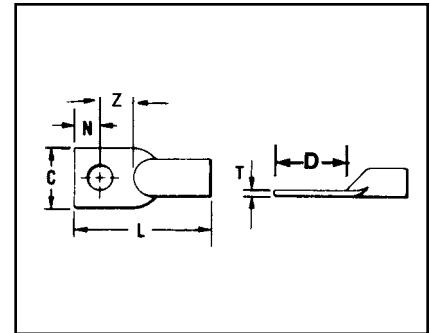
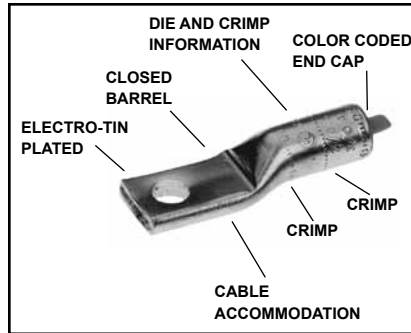
FOR ALUMINUM AND COPPER CONDUCTORS

1-HOLE DESIGN

UL Listed 90° C, 600 Volts to 35 kV ◆

Type YA-A aluminum tin-plated compression HYLUG™ terminals are dual-rated and designed for use on both aluminum and copper conductors from #12 sol. through 2000 kcmil.

They are designed for heavy duty applications to 35kV. YA-A terminals are prefilled with PENETROX™, and assembled with color-coded end caps. The aluminum HYLUG™ terminals are designed for a permanent trouble-free electrical termination.



Features & Benefits

- Manufactured from high conductivity, wrought aluminum with heavy duty wall thickness
 - ◇ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties
- Electro-tin plated
 - ◇ Provides durable long lasting corrosion resistance
- Internally beveled barrel
 - ◇ Provides easy cable insertion
- Meets UL486B 90° C requirements
 - ◇ Provides a quality electrical dual connection
- Connector is clearly marked with wire size, die index, color-code and the proper number and location of crimps
 - ◇ Provides easy identification and tooling recommendation for a proper compression which forms a homogeneous mass resulting in an excellent electrical connection
- Factory prefilled with PENETROX™ oxide inhibiting compound
 - ◇ Oxide inhibiting compound contains homogeneously suspended metallic particles to penetrate the wires' oxides, establish electrical continuity and forms an airtight connection
- Color-coded end caps inserted in barrel end
 - ◇ Prevents foreign materials from entering and contaminating the connector prior to usage plus identifies the proper color-coded die for a reliable connection

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)		Y35, Y39, Y750, Y46*		▲ Die Index	
										Mechanical Tooling	Hydraulic HYPRESS™	Die Number (# of crimps)	Color Code		
YA12A-TN ‡	12 Str.	#10	1	0.41	0.50	1.19	0.20	0.07	0.30	MR8-27 (1)	—	—	①	—	5/8"
YA10A-TN ‡	10 Str.	#10	1	0.41	0.50	1.22	0.20	0.06	0.30						
YA8CA1	8 AWG	#10	1	0.53	0.60	1.50	0.20	0.09	0.40	MY29-3 (1) MRC840AL (1)	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U8CABT (1)	Blue	374	5/8"
YA8CA3		1/4	1	0.53	0.75	1.65	0.25	0.09	0.50						
YA6CA1	6 AWG	1/4	1	0.47	0.75	1.84	0.33	0.14	0.42	MY29-3 (1) MRC840AL (1)	MY644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U6CABT (1)	Gray	346	3/4"
YA6CA3		3/8	1	0.65	1.19	2.28	0.44	0.09	0.75						
YA4CA1	4AWG	1/4	1	0.47	0.75	2.13	0.33	0.18	0.42	MY29-3 (1) MRC840AL (1)	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1) Y644HSXT (1)	U4CABT (1)	Green	375	7/8"
YA4CA3		5/16	1	0.80	0.87	2.25	0.41	0.12	0.46						
YA4CA6		3/8	1	0.80	0.94	2.32	0.44	0.12	0.50						

• Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
 ▲ See tooling section of this catalog for complete tool and die listings.
 ① No color code assigned.

‡ UL Listed for Aluminum only.
 * Use PUADP-1 adaptor with U dies in Y46 Hypress™.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

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