

C-114

### TYPES YA-A AND YA-A-TN

#### HYLUG™

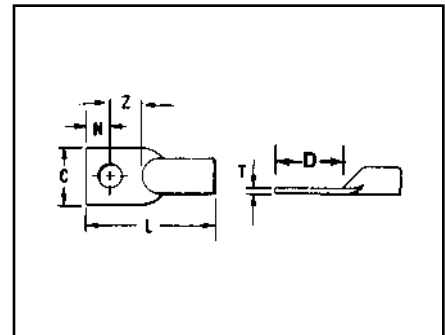
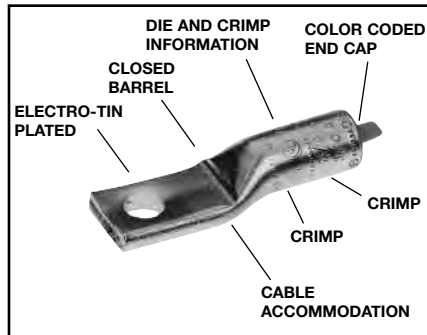
### UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

#### 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. Available with one, two, and four-hole NEMA tongues, the aluminum HYLUG™ terminals are designed for a permanent trouble-free electrical termination.



#### Features and 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 bevelled 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 Ref.	Z Min.	Dieless (# of crimps)		Y35, Y39, Y750, Y46*	▲ Die Index		
										Mechanical Tooling	Hydraulic HYPRESS™			Die Number (# of crimps)	
YA12A-TN ‡	12 str.	10	1	.41	.50	1.22	.20	.08	.30	MR8-27 (1)	—	—	①	—	5/8"
YA10A-TN ‡	10 str.	10	1	.41	.50	1.22	.20	.08	.30		—	—	①	—	5/8"
YA8CA1	8 str.	10	1	.53	.60	1.50	.20	.09	.40	MY29-3 (1) MRC840AL (1)	Y81KFT (1)	U8CABT (1)	Blue	374	5/8"
YA8CA3		1/4		.53	.75	1.65	.25	.09	.50		Y81KFTMBH (1) PAT81KFT-18V (1)				
YA6CA1	6 str.	1/4	1	.47	.75	1.84	.33	.14	.42	MY29-3 (1) MRC840AL (1)	MY644M (1)	U6CABT (1)	Gray	346	3/4"
YA6CA3		3/8		.65	1.19	2.28	.44	.09	.75		Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)				

• 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.