

Compression Connections

BURNDY®

Copper and Aluminum Compression — Narrow Tongue — One and Two Hole

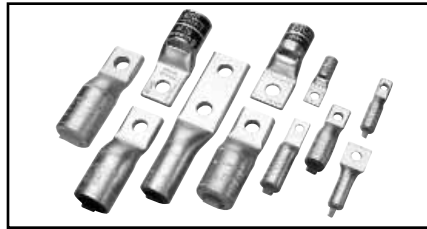
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E-LINE HYLUG™ EQUIPMENT LINE

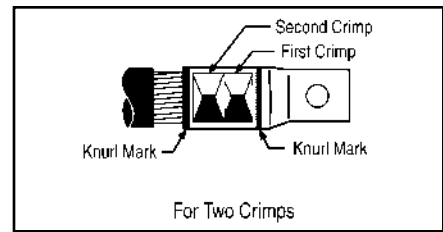
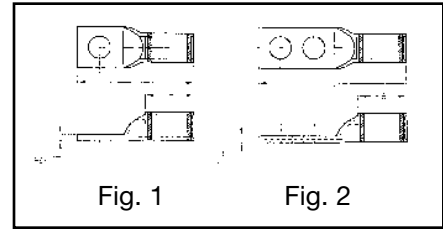
TYPE YA-E COPPER AND ALUMINUM COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ♦

YA-E Equipment terminals are designed to provide replacements for original equipment mechanical or other compression terminals. These narrow tongue terminals are specially designed to fit in tight areas. Whether you're



upgrading or replacing, YA-E connectors will provide for any of your cable termination needs. When installed with our dieless tool, these terminals can accommodate a range of conductor sizes.



COPPER E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations		Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions			† Installation Tooling					Wire Strip Length
		Copper Only								Dieless (number of crimps)	Mechanical MD6, MD7 (number of crimps)	Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	
		Conventional Wire Size	Expanded Wire Range using Y644M												
YA25LN50T14E	1	1/0 AWG	#6 - 1/0 AWG	1/4	—	0.50	0.88	0.12	1.84	Y644HS (1)	W25RT (2)	U25RT (1)	Pink	12 348	15/16"
YA25LN64T516E	1			5/16	—	0.64	0.88	0.12	1.96	PAT644HS (1)	W25VT (2)	U2CABT (1)			
YA26LN50T14E	1	2/0 AWG	#4 - 2/0 AWG	1/4	—	0.50	0.94	0.12	1.94	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26RT (2) W26VT (2)	U26RT (1)	Black	13	1"
YA30L24N100T38E	1	300 kcmil	2/0 AWG - 300 kcmil	3/8	—	1.00	1.03	0.16	2.44	Y644HS (1) PAT644HS (1)	W30RT (2)	U30RT (2) U28ART (2)	White	17 298	1-1/16"
YA342LNN119T12E	2	500 kcmil	4/0 AWG - 500 kcmil	1/2	1.75	1.19	1.27	0.23	5.06	Y81KFT (2)	—	U34RT (2)	Brown	20 299	1-5/16"
YA342LNN131T12E	2			1/2	1.75	1.31	1.27	0.23	5.06	Y81KFTMBH (2)		U31ART (2)			
YA34LGN131T12E	1			1/2	—	1.31	1.27	0.23	3.31	PAT81KFT-18V (2)		P34RT (2)			
YA39LGN131T12E	1	750 kcmil	500 - 750 kcmil	1/2	—	1.31	1.42	0.27	3.61	PAT81KFT-18V (2)	—	U39RT (2)	Black	24	1-1/2"
YA392LNN131T12E	2			1/2	1.745	1.31	1.42	0.27	5.37						

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations		Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions			† Installation Tooling					Wire Strip Length	
		Aluminum	Copper or Aluminum							Dieless (number of crimps)	Mechanical MD6, MD7, Y500CT (number of crimps)	Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index		
YA8CA3S56T14E	1	#8 AWG	#8 AWG	1/4	—	0.56	0.62	0.09	1.65	Y644HS (1)	—	U8CABT (1)	Blue	374	11/16"	
YA2CA5S53T14E	1	#2 AWG	#6 - #2 AWG	1/4	—	0.53	1.00	0.22	2.25	PAT644HS (1)	—	U2CABT (1)	Pink	348	1-3/16"	
YA2CA1S91T516E	1			5/16	—	0.91	1.12	0.16	2.50	Y81KFT (1)						
YA25A1S60T516E	1	1/0 AWG	#1 - 1/0 AWG	5/16	—	0.63	1.00	0.21	2.29	Y81KFTMBH (1)	—	U25ART (1)	Tan	296	1-1/8"	
YA25A3N69T38E	1			3/8	—	0.69	1.05	0.21	2.38	PAT81KFT-18V (1)						
YA26A13N100T516E	1	2/0 AWG	#1 - 2/0 AWG	5/16	—	1.00	1.11	0.24	2.45	Y644HS (1) PAT644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U26ART (2)	Olive	297	1-3/16"	
YA26A6N100T38E	1			3/8	—	1.00	1.11	0.24	2.53							
YA27A10S76T516E	1	3/0 AWG	#1 - 3/0 AWG	5/16	—	0.76	1.11	0.26	2.58			—	U27ART (2)	Ruby	467	1-3/16"
YA28A14N100T516E	1	4/0 AWG	1/0 - 4/0 AWG	3/8	—	1.00	1.39	0.30	2.85			—	U28ART (2)	White	298	1-7/16"
YA28A1N100T38E	1			5/16	—	1.00	1.39	0.30	2.94							
YA30A9N100T516E	1	300 kcmil	2/0 AWG - 300 kcmil	5/16	—	1.00	1.53	0.36	3.12	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U30ART (2)	Blue	470	1-5/8"	
YA30A6N100T38E	1			3/8	—	1.00	1.53	0.36	3.20							
YA30A1N131T12E	1			1/2	—	1.31	1.53	0.35	3.57							
YA31A11N100T516E	1	350 kcmil	3/0 AWG - 350 kcmil	5/16	—	1.00	1.85	0.39	3.51	—	—	U31ART (2)	Brown	299	1-7/8"	
YA31A9N100T38E	1			3/8	—	1.00	1.85	0.39	3.59							
YA32A8N106T516E	1	400 kcmil	4/0 AWG - 400 kcmil	5/16	—	1.06	2.26	0.43	3.92			—	—	U32ART (4)	Green	472

† A variety of BURNDY® installation tools are available and not all tools are listed. If you require additional tooling information, please feel free to call our customer service department for other recommendations.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™, P-RT die sets for use in Y46 HYPRESS™ only. PUADP-1 adapter not required.

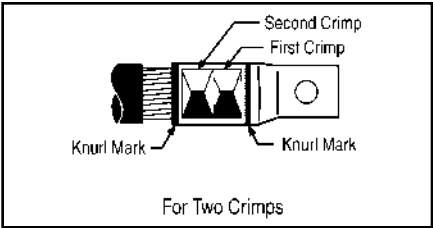
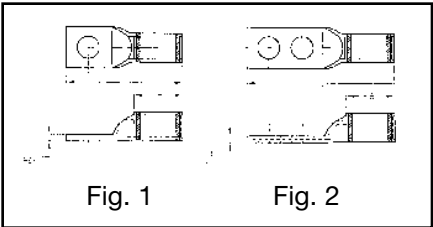
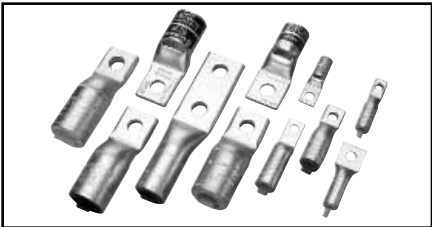
Note: All dimensions shown are for reference only.

** 900 Compact Aluminum Cable not UL Listed. Tested with Y644HS and PAT644 dieless tools only.

E-LINE HYLUG™
EQUIPMENT LINE

TYPE YA-E
COPPER AND ALUMINUM
COMPRESSION TERMINAL
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

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		Aluminum	Copper or Aluminum				Dieless (number of crimps)	Mechanical	Hydraulic	Color Code	Die Index				
		Conventional Wire Size	Expanded Wire Range using Y644M					MD6, MD7, Y500CT (number of crimps)	Y35, Y750, Y46*, PAT750 (number of crimps)						
YA34A8N131T38E	1	500 kcmil	4/0 AWG - 500 kcmil	3/8	—	1.31	1.64	0.35	3.88	Y644HS (2) PAT644HS (2) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U34ART (4)	Pink	300	1-11/16"
YA34A3N131T12E	2			1/2	1.75	1.31	1.64	0.35	5.71						
YA34A7N131T12E	1			1/2	—	1.31	1.64	0.35	3.88						
YA36A9N131TD12E	1	600 kcmil	250 - 600 kcmil	1/2	—	1.31	1.64	0.39	3.98						
YA36A3N131TD38E	2			3/8	—	1.31	1.64	0.39	5.32						
YA36A3N131TD12E	2			1/2	1.75	1.31	1.64	0.39	5.71						
YA39A5N131TD12E	2	750 kcmil	500 - 900** kcmil Aluminum	1/2	1.75	1.31	1.86	0.31	6.09						1-15/16"
YA39A1N131TD12E	1		500 kcmil Copper Only	1/2	—	1.31	1.86	0.31	4.28						

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