

TYPES YA-L, YA-L-TC

HYLUG™

Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦

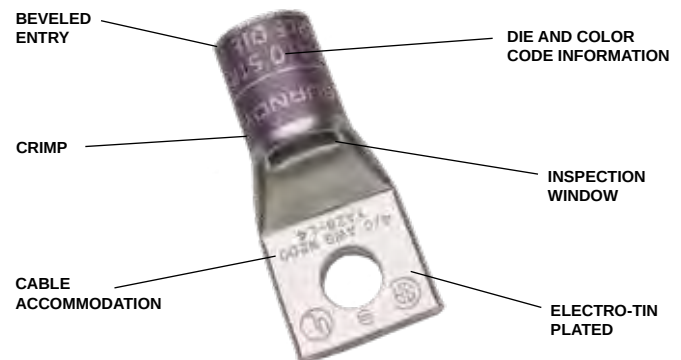
45° and 90° angles available. Please contact Customer Service to order:
1-800-346-4175

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel is exposed to corrosive elements when installed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



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.

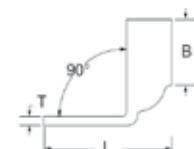
Straight



45°



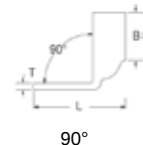
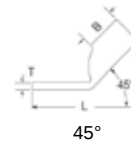
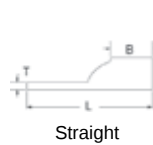
90°



Compression Connections

Copper Compression — Code — One Hole
Standard Barrel

TYPES YA-L, YA-L-TC (Continued)



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.

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length
	AWG	MM² ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA30L1	300 kcmil	152 150	5/16	1.20	1.03	0.16	2.31	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16
YA30L24			3/8	1.20	1.03	0.16	2.44							1
YA30L			1/2	1.20	1.03	0.16	2.69							1-1/16
YA30L1N			1/2	1.20	1.03	0.16	2.87							
YA30L7			5/8	1.20	1.03	0.16	2.94							
YA30L28			3/4	1.20	1.03	0.16	3.12							1-1/8
YA30L27			7/8	1.20	1.03	0.16	3.37							
YA31L11	350 kcmil	177 185	3/8	1.29	1.06	0.18	2.50		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	
YA31L			1/2	1.29	1.06	0.18	2.75							
YA31L7			5/8	1.29	1.06	0.18	3.00							
YA31L36			7/8	1.29	1.06	0.18	4.02							
YA32L14	400 kcmil	203	3/8	1.40	1.19	0.19	2.68		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	
YA32L1N			1/2	1.40	1.19	0.19	3.12							
YA32L1			1/2	1.40	1.19	0.19	2.93							
YA32L			5/8	1.40	1.19	0.19	3.18							
YA32LTC78	450 kcmil	—	7/8	1.40	1.19	0.19	3.62	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16	
YA33L			5/8	1.48	1.50	0.21	3.57							
YA34L37	500 kcmil	253 240	3/8	1.55	1.27	0.23	2.87	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (1)	Brown	20	1-7/16
YA34L6			1/2	1.55	1.27	0.23	3.12							
YA34L			5/8	1.55	1.27	0.23	3.37							
YA34L8			3/4	1.55	1.27	0.23	3.55							
YA34L9			7/8	1.55	1.27	0.23	3.80							
YA34L20			1	1.55	1.27	0.23	4.05							
YA36L11	600 kcmil	304 300	1/2	1.74	1.38	0.27	3.29	644 Series (1) 444 Series (1) 81K Series (2)	—	—	U36RT (2)	Green	22 or 472	1-3/4
YA36L			5/8	1.74	1.38	0.27	3.54							
YA36LTC78			7/8	1.74	1.38	0.27	3.97							

* Use PUADP1 adapter with U dies in 46 Series

** P-RT die sets for use in 46 Series only, PUADP1 adapter not required

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor

▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.