

Compression Connections

Copper Compression — Terminal — Code — Two Hole
Long Barrel — No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N

HYLUG™

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

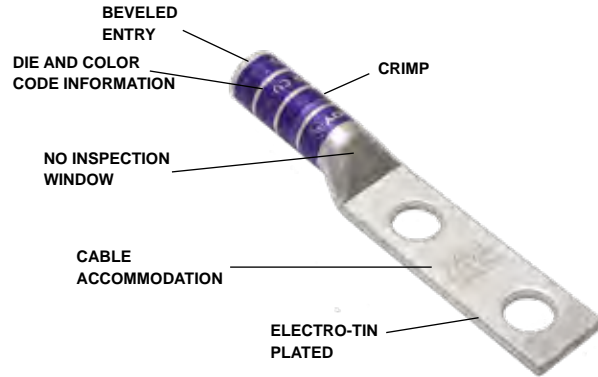
45° and 90° angles available. Please contact Customer Service to order:
1-800-346-4175

Features & Benefits

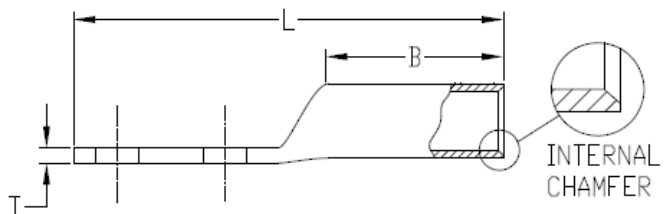
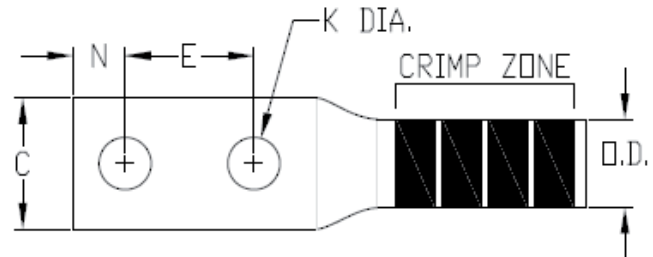
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 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

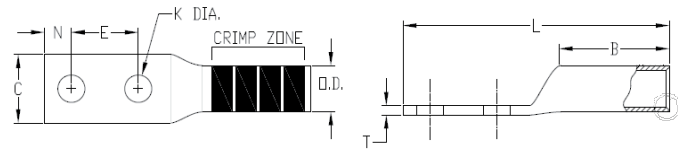
- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



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.



TYPES YA-2N, YA-2TC, YA-4N (Continued)



▲ See Copper Code Long Barrel Terminal Tooling Tables in this section for complete tool and die listing information.

Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions								Wire Strip Length
	Code	Flex	Metric MM ² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E) & (F)	Hole Offset (N)	Pad Thickness (T)	
YA342TC14E2	500 kcmil	—	240	Brown	20 or 299	1/4	0.27	1.06	2.25	1.55	4.46	3/4"	0.23	0.23	2-5/16
YA342TC38						3/8	0.40	1.06	2.25	1.55	4.90	1"	0.23	0.23	
YA342N						1/2	0.56	1.06	2.25	1.55	6.06	1-3/4"	0.23	0.23	
YA352N	550 kcmil	—	—	Yellow	21	1/2	0.56	1.13	2.63	1.65	6.49	1-3/4"	0.25	0.25	2-11/16
YA362TC38	600 kcmil	—	300	Green	22 or 472	3/8	0.40	1.19	2.69	1.74	5.59	1"	0.26	0.26	2-3/4
YA362N						1/2	0.56	1.19	2.69	1.74	6.59	1-3/4"	0.27	0.27	
YA372N	650 kcmil	—	—	Orange	23	1/2	0.56	1.23	2.81	1.80	6.74	1-3/4"	0.63	0.27	2-7/8
YA382TC38	700 kcmil	—	—	Pink	400	3/8	0.40	1.25	2.81	1.84	5.76	1"	0.50	0.27	2-7/8
YA382N						1/2	0.56	1.25	2.81	1.84	6.77	1-3/4"	0.63	0.27	
YA392NT38	750 kcmil	—	—	Black	24	3/8	0.40	1.30	2.88	1.91	5.87	1"	0.50	0.27	2-15/16
YA392TC38						3/8	0.40	1.30	2.88	1.63	5.87	1"	0.50	0.27	
YA392N						1/2	0.40	1.30	2.88	1.91	6.87	1-3/4"	0.63	0.27	
YA392ENNT						1/2	0.56	1.30	2.88	1.30	6.87	1-3/4"	0.63	0.27	
YA402N	800 kcmil	—	400	Orange	25	1/2	0.56	1.35	2.94	1.98	6.95	1-3/4"	0.63	0.30	3
YA412N	850 kcmil	—	—	Gold	26	1/2	0.56	1.38	2.94	2.01	6.96	1-3/4"	0.63	0.31	3
YA442TC38	1000 kcmil	—	500	White	27	3/8	0.40	1.50	3.00	2.19	6.14	1"	0.63	0.33	3-1/16
YA442N				White	27	1/2	0.56	1.50	3.00	2.19	7.14	1-3/4"	0.63	0.32	3-1/16
YA452N	1250 kcmil	—	—	Yellow	29	1/2	0.56	1.69	3.19	2.46	7.44	1-3/4"	0.63	0.38	3-1/4
YA4532N	1300 kcmil	—	—	Orange	30	1/2	0.56	1.74	3.19	2.53	7.48	1-3/4"	0.63	0.39	3-1/4
YA462N	1500 kcmil	—	—	Green	31	1/2	0.56	1.84	3.19	2.69	7.55	1-3/4"	0.63	0.40	3-1/4
YA472N	1750 kcmil	—	—	Gray	33	1/2	0.56	1.98	3.44	2.90	7.89	1-3/4"	0.63	0.42	3-1/2
YA482N	2000 kcmil	—	1000	Brown	34	1/2	0.56	2.13	3.44	3.10	7.98	1-3/4"	0.63	0.46	3-1/2

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

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

Available undrilled. Add suffix U to catalog number (example: YA25U)

Notes: All dimensions shown are for reference only.

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