

COMPRESSION CONNECTIONS

Copper, Code, 2-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 ♦**

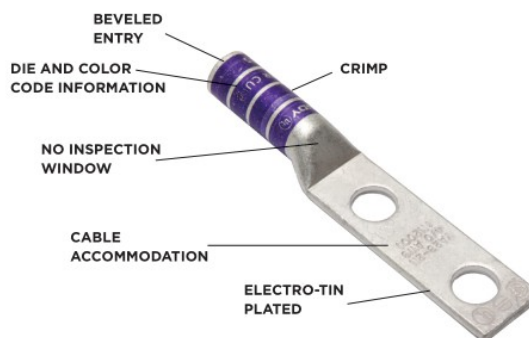
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

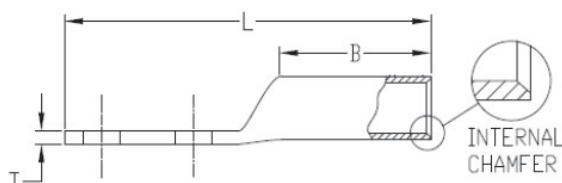
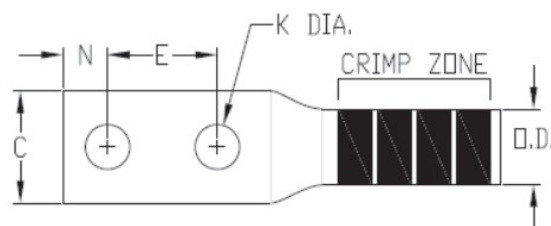
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps 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
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

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



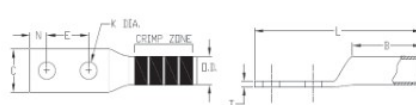
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



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



Notes: All dimensions shown are for reference only.

*Use PUADPT adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

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

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8C2TC14	8 AWG	8 G,H,I,K,M DLO	† 10	1/4	5/8	0.44	0.81	0.08	2.33	0.27	Red	49	Y8MRB1 (2) Y1MRTC (2) Y122CMR (2) MY29 Series (2) MRC840 (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	7/8
YA8C2TC14E2				1/4	3/4	0.44	0.81	0.08	2.45	0.27						
YA8C2TC38				3/8	1	0.58	0.81	0.06	2.89	0.27						
YA8C2N				1/2	1-3/4	0.83	0.81	0.12	4.08	0.27						
YA6C2TC14	6 AWG 6 SOL	—	—	1/4	5/8	0.45	1.12	0.08	2.65	0.29	Blue	7 or 374	Y122CMR (2) Y1MRTC (2) MY29 Series (2) MRC840 (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CART (2)	1-3/16
YA6C2TC14E2				1/4	3/4	0.45	1.12	0.08	2.78	0.29						
YA6C2TC14E1				1/4	1	0.45	1.12	0.08	3.03	0.29						
YA6C2TC38E2				3/8	3/4	0.58	1.12	0.06	2.97	0.29						
YA6C2TC38E6				3/8	7/8	0.58	1.12	0.06	3.09	0.29						
YA6C2TC38				3/8	1	0.58	1.12	0.06	3.22	0.29						
YA6C2N				1/2	1-3/4	0.83	1.12	0.12	4.40	0.29						
YA5C2N	5 AWG	—	—	1/2	1-3/4	0.83	1.12	0.12	4.43	0.30	Blue	7 or 374	MY29 Series (2) MRC840 (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16
YA4C2TC14	4 AWG	—	—	1/4	5/8	0.50	1.12	0.09	2.70	0.34	Gray	8 or 346	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CART (2)	1-3/16
YA4C2TC14E2				1/4	3/4	0.50	1.12	0.09	2.83	0.34						
YA4C2TC38				3/8	1	0.58	1.12	0.08	3.26	0.34						
YA4C2N				1/2	1-3/4	0.83	1.12	0.12	4.45	0.34						
YA3C2TC14	3 AWG 2 SOL	—	25	1/4	5/8	0.55	1.25	0.09	2.87	0.38	White	9	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W3CRT (2)	U3CRT (2)	1-5/16
YA3C2TC14E2				1/4	3/4	0.55	1.25	0.09	2.99	0.38						
YA3C2TC38E2				3/8	3/4	0.58	1.25	0.08	3.18	0.38						
YA3C2TC38				3/8	1	0.58	1.25	0.08	3.43	0.38						
YA3C2N				1/2	1-3/4	0.83	1.25	0.12	4.62	0.38						
YA2C2TC14	2 AWG	—	35	1/4	5/8	0.60	1.25	0.11	2.86	0.42	Brown	10	Y122CMR*** (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YA2C2TC14E2				1/4	3/4	0.60	1.25	0.11	2.98	0.42						
YA2C2TC516E2				5/16	3/4	0.60	1.25	0.11	3.05	0.42						
YA2C2TC38E2				3/8	3/4	0.60	1.25	0.11	3.17	0.42						
YA2C2TC38E6				3/8	7/8	0.60	1.25	0.11	3.30	0.42						
YA2C2TC38				3/8	1	0.60	1.25	0.11	3.42	0.42						
YA2C2NTC38				3/8	1-3/4	0.60	1.25	0.11	4.17	0.42						
YA2C2N				1/2	1-3/4	0.83	1.25	0.12	4.64	0.42						
YA1C2TC14	1 AWG	—	50	1/4	5/8	0.67	1.38	0.10	3.03	0.46	Green	11 or 375	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2) U4CART (2)	1-7/16	
YA1C2TC14E2				1/4	3/4	0.67	1.38	0.10	3.15	0.46						
YA1C2TC38				3/8	1	0.67	1.38	0.10	3.59	0.46						
YA1C2N				1/2	1-3/4	0.83	1.38	0.12	4.82	0.46						
YA252TC14	1/0 AWG	—	—	1/4	5/8	0.75	1.38	0.12	3.05	0.51	Pink	12	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W25VT (4)± W25RT (4)± X25RT (4)	U25RT (2) U2CART (2)	1-7/16
YA252TC14E2				1/4	3/4	0.75	1.38	0.12	3.18	0.51						
YA252TC516				5/16	1	0.75	1.38	0.12	3.49	0.51						
YA252TC38				3/8	1	0.75	1.38	0.12	3.62	0.51						
YA252NTC38				3/8	1-3/4	0.75	1.38	0.12	4.37	0.51						
YA252N				1/2	1-3/4	0.83	1.38	0.11	4.81	0.51						

COMPRESSION CONNECTIONS

Copper, Code, 2-Hole, Long Barrel, No Inspection Window

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



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

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***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

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

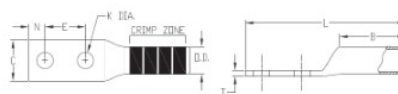
† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46" Series	
YA262TC14	2/0 AWG	—	70	1/4	5/8	0.83	1.50	0.12	3.22	0.56	Black	13	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W26VT (4)± W26RT (4)± X26RT (4)	U26RT (2)	1-9/16
YA262TC14E2				1/4	3/4	0.83	1.50	0.12	3.34	0.56						
YA262TC38				3/8	1	0.83	1.50	0.12	3.78	0.56						
YA262N				1/2	1-3/4	0.83	1.50	0.12	4.97	0.56						
YA272TC14E2	3/0 AWG	—	—	1/4	3/4	0.90	1.50	0.12	3.38	0.62	Orange	14	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W27VT (4)± W27RT (4)± X27RT (6)	U27RT (2)	1-9/16
YA272TC38				3/8	1	0.90	1.50	0.12	3.82	0.62						
YA272N				1/2	1-3/4	0.91	1.50	0.13	5.01	0.62						
YA282TC14E2	4/0 AWG	—	—	1/4	3/4	1.02	1.62	0.14	3.55	0.69	Purple	15	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W28VT (4)± W28RT (4)± X28RT (6)	U28RT (2)	1-11/16
YA282TC38				3/8	1	1.02	1.62	0.14	3.99	0.69						
YA282NTC38				3/8	1-3/4	1.02	1.62	0.14	4.74	0.69						
YA282N				1/2	1-3/4	1.02	1.62	0.14	5.17	0.69						
YA292TC38	250 kcmil	—	—	3/8	1	1.10	1.62	0.16	4.02	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)± W29RT (4)± X29RT (8)	U29RT (2)	1-11/16
YA292N				1/2	1-3/4	1.11	1.62	0.16	5.21	0.75						
YA292TC58E16				5/8	1-3/4	1.11	1.62	0.16	5.27	0.75						
YA302TC38	300 kcmil	—	150	3/8	1	1.20	2.00	0.16	4.45	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)± W30RT (4)±	U30RT (4) U28ART (4)	2-1/16
YA302N	1/2			1-3/4	1.20	2.00	0.16	5.64	0.81							
YA312TC14E2	350 kcmil	—	185	1/4	3/4	1.29	2.00	0.18	4.05	0.88	Red	18 or 324	644 Series 444 Series 81K Series (3)	W31RT (4)± W31VT (4)±	U31RT (4) U29ART (4)	2-1/16
YA312TC38				3/8	1	1.29	2.00	0.18	4.49	0.88						
YA312N				1/2	1-3/4	1.29	2.00	0.18	5.69	0.88						
YA322TC38	400 kcmil	—	—	3/8	1	1.40	2.12	0.19	4.66	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (3)	W32VT (4)± W32RT (4)±	U32RT (4) U30ART (4)	2-3/16
YA322N	1/2			1-3/4	1.40	2.12	0.19	5.85	0.95							
YA332N	450 kcmil	—	—	1/2	1-3/4	1.48	2.13	0.21	5.93	1.01	Gray	326 or 538	644 Series 444 Series 81K Series (4)	W33VT (4)± W33RT (4)±	U33RT (4)	2-3/16
YA342TC14E2	500 kcmil	—	240	1/4	3/4	1.55	2.25	0.23	4.46	1.06	Brown	20 or 299		W34VT (4)± W34RT (4)±	U34RT (4)	2-5/16
YA342TC38				3/8	1	1.55	2.25	0.23	4.90	1.06						
YA342N				1/2	1-3/4	1.55	2.25	0.23	6.06	1.06						
YA352N	550 kcmil	—	—	1/2	1-3/4	1.65	2.63	0.25	6.49	1.13	Yellow	21		—	U35RT (4)	2-11/16
YA362TC38	600 kcmil	—	300	3/8	1	1.74	2.69	0.26	5.59	1.19	Green	22 or 472		—	U36RT (4) U32ART (4)	2-3/4
YA362N				1/2	1-3/4	1.74	2.69	0.27	6.59	1.19						
YA372N	650 kcmil	—	—	1/2	1-3/4	1.80	2.81	0.27	6.74	1.23	Orange	23		—	U37RT (4)	2-7/8
YA382TC38	700 kcmil	—	—	3/8	1	1.84	2.81	0.27	5.76	1.25	Pink	400		—	U38RT (4)	2-7/8
YA382N				1/2	1-3/4	1.84	2.81	0.27	6.77	1.25						

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



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YA392NT38	750 kcmil	—	—	3/8	1	1.63	2.88	0.27	5.87	1.30	Black	24	644 Series 444 Series 81K Series (4)	—	U39RT (4) P39RT (4)	2-15/16
YA392TC38				3/8	1	1.91	2.88	0.27	5.87	1.30						
YA392N				1/2	1-3/4	1.91	2.88	0.27	6.87	1.30						
YA392ENNT				1/2	1-3/4	1.30	2.88	0.27	6.87	1.30						
YA402N	800 kcmil	—	400	1/2	1-3/4	1.98	2.94	0.30	6.95	1.35	Orange	25	644 Series 444 Series 81K Series (4)	—	P40RT (4)	3
YA412N	850 kcmil	—	—	1/2	1-3/4	2.01	2.94	0.31	6.96	1.38	Gold	26		—	P41D (2) P44PR	3
YA442TC38	1000 kcmil	—	500	3/8	1	2.19	3.00	0.33	6.14	1.50	White	27		—	P44RT (4)	3-1/16
YA442N				1/2	1-3/4	2.19	3.00	0.32	7.14	1.50	White	27		—		3-1/16
YA452N	1250 kcmil	—	—	1/2	1-3/4	2.46	3.19	0.38	7.44	1.69	Yellow	29	—	—	P45RT (6)	3-1/4
YA4532N	1300 kcmil	—	—	1/2	1-3/4	2.53	3.19	0.39	7.48	1.74	Orange	30		—	—	3-1/4
YA462N	1500 kcmil	—	—	1/2	1-3/4	2.69	3.19	0.40	7.55	1.84	Green	31		—	P46RT (6)	3-1/4
YA472N	1750 kcmil	—	—	1/2	1-3/4	2.90	3.44	0.42	7.89	1.98	Gray	33		—	—	3-1/2
YA482N	2000 kcmil	—	1000	1/2	1-3/4	3.10	3.44	0.46	7.98	2.13	Brown	34	—	—	—	3-1/2