

COMPRESSION CONNECTIONS

Copper, Code, 1-Hole, Long Barrel, No Inspection Window**TYPES YA, YA-TC HYLUG™ Uninsulated Copper Compression Terminal****UL Listed 90° C, Up to 35 kV ♦**

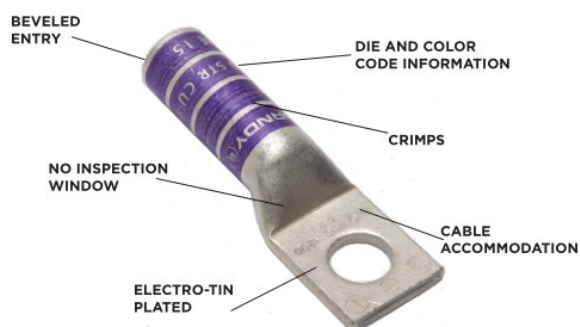
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

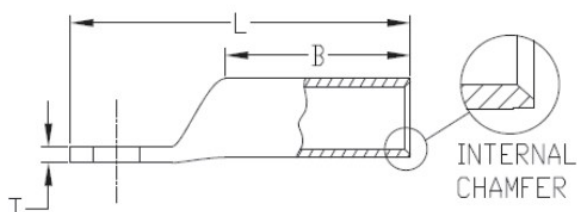
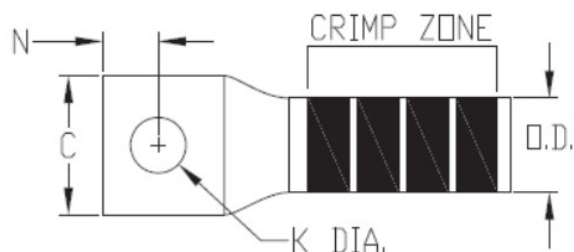
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 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



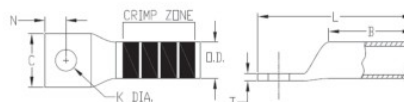
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



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Notes: All dimensions shown are for reference only.

*Use PUADP1 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

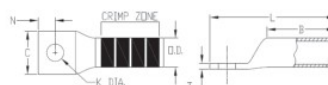
† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		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	
YA8CTC10	8 AWG	#8 G,H,I,K,M DLO	8.37 † 10	#10	0.41	0.81	0.08	1.57	0.27	Red	49	Y122CMR (2) MRC840 (2) MY29 Series (2) Y8MRBT Y1MRTC (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	7/8
YA8CTC14				1/4	0.44	0.81	0.08	1.69	0.27						
YA8CTC38				3/8	0.58	0.81	0.06	1.88	0.27						
YA6CTC8	6 AWG 6 Solid	—	—	#8	0.42	1.12	0.09	1.83	0.29	Blue	7 or 374	Y122CMR (2) MRC840 (2) MY29 Series (2) Y1MRTC (2) 81K Series	W5CRT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YA6CTC10				#10	0.42	1.12	0.09	1.89	0.29						
YA6C				1/4	0.41	1.12	0.09	1.81	0.29						
YA6CN				1/2	0.83	1.12	0.12	2.64	0.29						
YA6CTC516				5/16	0.52	1.12	0.07	2.08	0.29						
YA6CTC38				3/8	0.58	1.12	0.06	2.21	0.29						
YA5C	5 AWG	—	—	1/4	0.44	1.12	0.07	1.98	0.30	Blue	7 or 374		W5CRT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16
YA5CN				1/2	0.83	1.12	0.12	2.67	0.30						
YA4CTC10	4 AWG	—	—	#10	0.50	1.12	0.09	1.94	0.34	Gray	8 or 346		W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16
YA4C				1/4	0.50	1.12	0.09	1.87	0.34						
YA4CTC38				3/8	0.58	1.12	0.08	2.25	0.34						
YA4CN				1/2	0.83	1.12	0.12	2.69	0.34						
YA3CTC14	3 AWG 2 Solid	—	25	1/4	0.55	1.25	0.09	2.23	0.38	White	9	Y1MRTC (4) Y122CMR (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W3CRT (2)	U3CRT (2)	1-5/16
YA3C				5/16	0.55	1.25	0.09	2.30	0.38						
YA3CTC38				3/8	0.58	1.25	0.08	2.42	0.38						
YA3CN				1/2	0.83	1.25	0.12	2.86	0.38						
YA2CTC10	2 AWG	—	35	#10	0.60	1.25	0.11	2.10	0.42	Brown	10		W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YA2CTC14				1/4	0.60	1.25	0.11	2.23	0.42						
YA2C				5/16	0.60	1.25	0.11	2.29	0.42						
YA2CTC38				3/8	0.60	1.25	0.11	2.41	0.42						
YA2CN				1/2	0.83	1.25	0.12	2.88	0.42						
YA1CTC10	1 AWG	—	50	#10	0.68	1.38	0.10	2.27	0.46	Green	11	Y1MRTC (4) MRC840 (2) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	1-7/16
YA1CTC14				1/4	0.68	1.38	0.10	2.39	0.46						
YA1C				5/16	0.68	1.38	0.10	2.45	0.46						
YA1CTC38				3/8	0.68	1.38	0.10	2.58	0.46						
YA1CN				1/2	0.83	1.38	0.12	3.06	0.46						
YA25TC10	1/0 AWG	—	—	#10	0.75	1.38	0.12	2.30	0.51	Pink	12	MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25VT (4)† W25RT (4)† X25RT (4)	U25RT (2) U2CABT (2)	1-7/16
YA25				5/16	0.75	1.38	0.13	2.48	0.51						
YA25TC38				3/8	0.75	1.38	0.12	2.61	0.51						
YA25N				1/2	0.83	1.38	0.11	3.05	0.51						
YA26TC14	2/0 AWG	—	70	1/4	0.83	1.50	0.12	2.58	0.56	Black	13		W26VT (4)† W26RT (4)† X26RT (4)	U26RT (2)	1-9/16
YA26TC516				5/16	0.83	1.50	0.12	2.65	0.56						

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	Code	Flex	Metric MM²		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	
YA26	2/0 AWG	—	70	3/8	0.83	1.50	0.12	2.77	0.56	Black	13	MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W26VT (4)± W26RT (4)± X26RT (4)	U26RT (2)	1-9/16
YA26N				1/2	0.83	1.50	0.12	3.21	0.56						
YA27	3/0 AWG	—	—	1/2	0.91	1.50	0.13	3.06	0.62	Orange	14		W27VT (4)± W27RT (4)± X27RT (6)	U27RT (2)	1-9/16
YA28TC38	4/0 AWG	—	—	3/8	1.02	1.62	0.14	2.98	0.69	Purple	15		W28VT (4)± W28RT (4)± X28RT (6)	U28RT (2)	1-11/16
YA28				1/2	1.02	1.62	0.14	3.23	0.69						
YA28N				1/2	1.02	1.62	0.14	3.41	0.69						
YA29	250 kcmil	—	—	1/2	1.11	1.62	0.16	3.26	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)± W29RT (4)± X29RT (4)	U29RT (2)	1-11/16
YA30	300 kcmil	—	150	1/2	1.20	2.00	0.16	3.69	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)± W30RT (4)±	U30RT (4) U28ART (4)	2-1/16
YA30N				1/2	1.20	2.00	0.16	3.88	0.81						
YA31	350 kcmil	—	185	1/2	1.29	2.00	0.18	3.73	0.88	Red	18 or 324		W31VT (4)± W31RT (4)±	U31RT (4) U29ART (4)	2-1/16
YA32N	400 kcmil	—	—	1/2	1.40	2.12	0.19	4.09	0.95	Blue	19 or 470		W32VT (4)± W32RT (4)±	U32RT (4) U30ART (4)	2-3/16
YA32				5/8	1.40	2.12	0.19	4.15	0.95						
YA33N	450 kcmil	—	—	1/2	1.48	2.13	0.21	4.17	1.01	Gray	326 or 538		W33VT (4)± W33RT (4)±	U33RT (4)	2-5/16
YA33				5/8	1.48	2.13	0.21	4.24	1.01						
YA34N	500 kcmil	—	240	1/2	1.55	2.25	0.23	4.32	1.06	Brown	20 or 299	W34VT (4)± W34RT (4)±	U34RT (4) U31ART (4)	2-5/16	
YA34				5/8	1.55	2.25	0.23	4.39	1.06						
YA36N	600 kcmil	—	300	1/2	1.74	2.69	0.27	4.83	1.19	Green	22 or 472	644 Series 444 Series 81K Series (4)	—	U36RT (4) U32ART (4)	2-3/4
YA36				5/8	1.74	2.69	0.27	4.90	1.19						
YA37N	650 kcmil	—	—	1/2	1.80	2.81	0.27	4.98	1.23	Orange	23		—	U37RT (4)	2-7/8
YA37				5/8	1.80	2.81	0.27	5.05	1.23						
YA38N	700 kcmil	—	—	1/2	1.84	2.81	0.27	5.01	1.25	Pink	400		—	U38RT (4)	2-7/8
YA38				5/8	1.84	2.81	0.27	5.07	1.25						
YA39N	750 kcmil	—	—	1/2	1.91	2.88	0.27	5.11	1.30	Black	24		—	U39RT (4) P39RT (4)	2-15/16
YA39				5/8	1.91	2.88	0.27	5.17	1.30						
YA40	800 kcmil	—	400	5/8	1.98	2.94	0.30	5.25	1.35	Orange	25		—	P40RT (4)	3
YA41N	850 kcmil	—	—	1/2	2.01	2.94	0.31	5.20	1.38	Gold	26		—	—	3
YA41				5/8	2.01	2.94	0.31	5.26	1.38						
YA44N	1000 kcmil	—	500	1/2	2.19	3.00	0.33	5.38	1.50	White	27		—	P44RT (4)	3-1/16
YA44				5/8	2.19	3.00	0.33	5.45	1.50						
YA45	1250 kcmil	—	—	3/4	2.46	3.19	0.38	5.93	1.69	Yellow	29		—	P45RT (6)	3-1/4
YA46N	1500 kcmil	—	—	1/2	2.69	3.19	0.40	5.79	1.84	Green	31		—	P46RT (6)	3-5/16
YA46				3/4	2.69	3.19	0.40	6.04	1.84						
YA47N	1750 kcmil	—	—	1/2	2.90	3.44	0.46	6.13	1.98	Gray	33		—	—	3-1/2
YA47				3/4	2.90	3.44	0.46	6.38	1.98						
YA48N	2000 kcmil	—	1000	1/2	3.10	3.44	0.46	6.22	2.13	Brown	34	—	—	3-1/2	
YA48				3/4	3.10	3.44	0.46	6.47	2.13						