

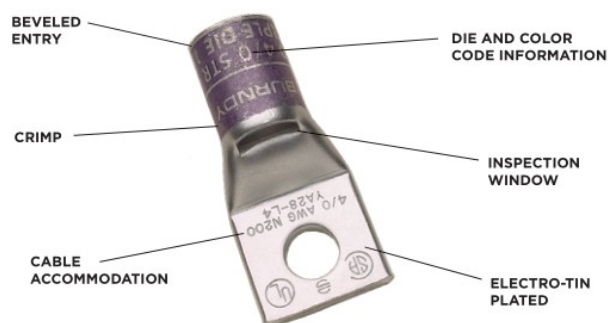
COMPRESSION CONNECTIONS

Copper, Code, 1-Hole; Standard Barrel, Inspection Window

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

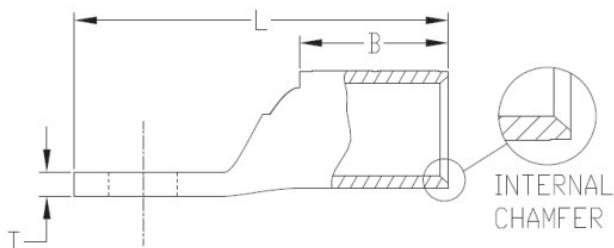
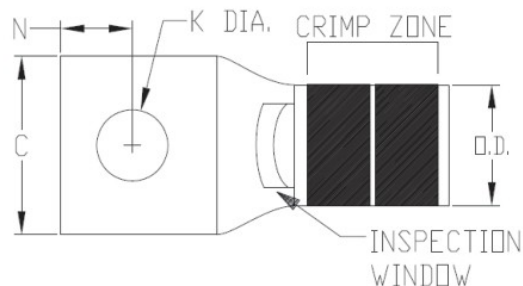
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of 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
- 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

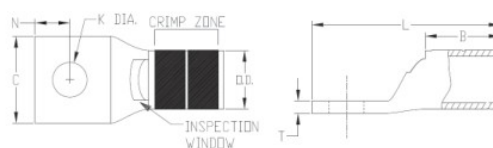
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	MM² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35, 750, 46" Series	
YAV10BOX	14-10 AWG 12-10 Sol		6	#8-10	0.38	0.40	0.06	0.97	0.21	—	—	Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, NIOHT, M20HT34, Y122CMR	—	—	7/16
YAV10T2BOX				5/16	0.53	0.39	0.04	1.13	0.21						
YAV10T3BOX				1/4	0.45	0.41	0.05	1.10	0.21						
YAV10T4BOX				3/8	0.55	0.45	0.04	1.17	0.21						
YA8CLBOX	8 AWG	8 G,H,I,K,M DLO	10	#8-10	0.41	0.44	0.08	1.16	0.27	Red	49	Y122CMR, Y1MRTC, MRC840, Y8MRB1, MY29 Series, 81K Series, 4PC Series	W8CVT W8CRT X8CRT	U8CRT	7/16
YA8CL1BOX				1/4	0.44	0.44	0.08	1.26	0.27						
YA8CL2BOX				5/16	0.52	0.44	0.06	1.38	0.27						
YA8CL3BOX				3/8	0.58	0.44	0.06	1.51	0.27						
YA8CL4BOX				1/2	0.71	0.44	0.05	1.76	0.27						
YA6CL1BOX	6 AWG 6 Sol.		—	#8-10	0.41	0.54	0.09	1.27	0.29	Blue	7 or 34	Y122CMR, Y1MRTC, MRC840, MY29 Series, 81K Series	W5CVT W5CRT X5CART X8CART	U5CRT	9/16
YA6CLBOX				1/4	0.45	0.54	0.08	1.45	0.29						
YA6CL3BOX				5/16	0.52	0.54	0.07	1.52	0.29						
YA6CL4BOX				3/8	0.63	0.54	0.06	1.62	0.29						
YA6CL6				1/2	0.75	0.54	0.12	1.87	0.29						
YA5CL	5 AWG		—	1/4	0.44	0.81	0.07	1.65	0.30	Gray	8	Y122CMR (2) Y1MRTC (2) MRC840 MY29 Series 81K Series 644 Series 444 Series	W4CVT W4CRT X4CRT	U4 CRT U6CABT	7/8
YA4CL1BOX	4 AWG		—	#8-10	0.50	0.81	0.09	1.58	0.34						
YA4CLBOX				1/4	0.50	0.81	0.09	1.74	0.34						
YA4CL3BOX				5/16	0.50	0.81	0.08	1.79	0.34						
YA4CL4BOX				3/8	0.58	0.81	0.09	1.92	0.34						
YA4CL6BOX				1/2	0.71	0.81	0.06	2.20	0.34						
YA3CL	3 AWG 2 Sol	—	25	5/16	0.55	0.88	0.09	1.88	0.38	White	9	Y122CMR (2)***, Y1MRTC (2), MY29 Series MRC840 644 Series 444 Series 81K Series	W3CRT	U3CRT	15/16
YA2CL2BOX	2 AWG	—	35	1/4	0.61	0.88	0.11	1.88	0.42	Brown	10		W2CVT W2CRT X2CRT	U2CRT	15/16
YA2CLBOX				5/16	0.61	0.88	0.11	1.93	0.42						
YA2CL4BOX				3/8	0.61	0.88	0.11	2.06	0.42						
YA2CL6BOX				1/2	0.73	0.88	0.09	2.32	0.42						
YA1CL2	1 AWG	—	50	1/4	0.68	0.88	0.10	1.81	0.46	Green	11 or 375		W1CVT W1CRT1 X1CRT1	U1CRT1 U4CABT	15/16
YA1CLBOX				5/16	0.68	0.88	0.10	1.94	0.46						
YA1CL4BOX				3/8	0.68	0.88	0.10	2.06	0.46						
YA1CL6BOX				1/2	0.73	0.88	0.09	2.37	0.46						

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***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

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35, 750, 46* Series	
YA25L2BOX	1/0 AWG	—	—	1/4	0.75	0.88	0.12	0.12	0.51	Pink	12	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series	X25RT (2) W25RT (2)‡ W25VT (2)‡	U25RT	15/16
YA25LBOX				5/16	0.75	0.88	0.12	0.12	0.51						
YA25L4BOX				3/8	0.75	0.88	0.12	0.12	0.51						
YA25L6				1/2	0.75	0.88	0.12	0.12	0.51						
YA26L2BOX	2/0 AWG	—	70	1/4	0.83	0.94	0.12	0.12	0.56	Black	13	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series	X26RT (2) W26RT (2)‡ W26VT (2)‡	U26RT	1
YA26L3				5/16	0.83	0.94	0.12	0.12	0.56						
YA26LBOX				3/8	0.83	0.94	0.12	0.12	0.56						
YA26L6BOX				1/2	0.83	0.94	0.12	0.12	0.56						
YA26L60				3/4	1.02	0.94	0.10	0.10	0.56						
YA27L3	3/0 AWG	—	—	5/16	0.91	1.00	0.13	0.13	0.62	Orange	14	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1-1/16
YA27L4BOX				3/8	0.91	1.00	0.13	0.13	0.62						
YA27LBOX				1/2	0.91	1.00	0.13	0.13	0.62						
YA28L2	4/0 AWG	—	—	1/4	1.02	0.88	0.14	0.14	0.69	Purple	15	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/8
YA28L3				5/16	1.02	0.88	0.14	0.14	0.69						
YA28L4BOX				3/8	1.02	0.88	0.14	0.14	0.69						
YA28LBOX				1/2	1.02	0.88	0.14	0.14	0.69						
YA28L56				3/4	1.05	0.88	0.13	0.13	0.69						
YA29L2	250 kcmil	—	—	1/4	1.11	1.06	0.16	0.16	0.75	Yellow	16	MY 29 Series 644 Series 444 Series 81K Series (2)	W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/8
YA29L4				3/8	1.11	1.06	0.16	0.16	0.75						
YA29L7				5/16	1.11	1.06	0.16	0.16	0.75						
YA29LBOX				1/2	1.11	1.06	0.16	0.16	0.75						
YA29LTC78				7/8	1.11	1.06	0.14	0.14	0.75						
YA30L1	300 kcmil	—	150	5/16	1.20	1.03	0.16	0.16	0.81	White	17	644 Series 444 Series 81K Series (2)	W30VT (2)‡ W30RT (2)‡	U30RT (2) U28ART (2)	1-1/16
YA30L24				3/8	1.20	1.03	0.16	0.16	0.81						1
YA30L				1/2	1.20	1.03	0.16	0.16	0.81						
YA30LN				1/2	1.20	1.03	0.16	0.16	0.81						1-1/16
YA30L7				5/8	1.20	1.03	0.16	0.16	0.81						
YA30L28				3/4	1.20	1.03	0.16	0.16	0.81						
YA30L27				7/8	1.20	1.03	0.16	0.16	0.81						
YA31L11	350 kcmil	—	185	3/8	1.29	1.06	0.18	2.50	0.88	Red	18	644 Series 444 Series 81K Series (2)	W31VT (2)‡ W31RT (2)‡	U31RT (2) U29ART (2)	1-1/8
YA31L				1/2	1.29	1.06	0.18	2.75	0.88						
YA31L7				5/8	1.29	1.06	0.18	3.00	0.88						
YA31L36				7/8	1.29	1.06	0.18	4.02	0.88						

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Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	AWG	Flex	MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35. 750 46* Series	
YA32L14	400 kcmil	—	—	3/8	1.40	1.19	0.19	2.68	0.95	Blue	19	644 Series 444 Series 81K Series (2)	W32VT (2)± W32RT (2)±	U32RT (2) U30ART (2)	1-1/4
YA32LN				1/2	1.40	1.19	0.19	3.12	0.88						
YA32L1				1/2	1.40	1.19	0.19	2.93	0.95						
YA32L				5/8	1.40	1.19	0.19	3.18	0.95						
YA32LTC78				7/8	1.40	1.19	0.19	3.62	0.95						
YA33L	450 kcmil	—	—	5/8	1.48	1.50	0.21	3.57	1.01	Gray	326		W33VT (2)± W33RT (2)±	U33RT (2)	1-9/16
YA34L37	500 kcmil	—	240	3/8	1.55	1.27	0.23	2.87	1.06	Brown	20	644 Series 444 Series 81K Series (2)	W34VT (2)± W34RT (2)±	U34RT (2) U31ART (2)	1-7/16
YA34L6				1/2	1.55	1.27	0.23	3.12	1.06						
YA34L				5/8	1.55	1.27	0.23	3.37	1.06						
YA34L8				3/4	1.55	1.27	0.23	3.55	1.06						
YA34L9				7/8	1.55	1.27	0.23	3.80	1.06						
YA34L20				1	1.55	1.27	0.23	4.05	1.06						
YA36L11	600 kcmil	—	300	1/2	1.74	1.38	0.27	3.29	1.19	Green	22 or 472	644 Series 444 Series 81K Series (2)	—	U36RT (2)	1-3/4
YA36L				5/8	1.74	1.38	0.27	3.54	1.19						
YA36LTC78				7/8	1.74	1.38	0.27	3.97	1.19						
YA37L	650 kcmil	—	—	5/8	1.80	1.39	0.27	3.57	1.23	Orange	23		—	U37RT (2)	1-15/16
YA37L1				3/4	1.80	1.39	0.27	3.76	1.23						
YA38L	700 kcmil	—	—	5/8	1.84	1.45	0.27	3.66	1.25	Pink	400		—	U38RT (2)	1-15/16
YA39L6	750 kcmil	—	—	1/2	1.91	1.42	0.27	3.41	1.30	Black	24	644 Series 444 Series 81K Series (3)	—	U39RT (2) P39RT (2)**	1-15/16
YA39L				5/8	1.91	1.42	0.27	3.57	1.30						
YA39L2				7/8	1.91	1.42	0.27	4.10	1.30						
YA39L9				1-1/4	1.91	1.42	0.27	4.85	1.30						
YA40L	800 kcmil	—	400	5/8	1.98	1.42	0.30	3.81	1.35	Orange	25		—	P40RT (3)**	1-15/16
YA41L	850 kcmil	—	—	5/8	2.01	1.88	0.31	4.15	1.38	Gold	26		—	P31D* P44PR**	1-15/16
YA44L2	1000 kcmil	—	500	1/2	2.19	1.65	0.33	3.98	1.50	White	27		—	P44RT (3)**	1-15/16
YA44L				5/8	2.19	1.65	0.33	4.04	1.50						
YA44L23				1	2.19	1.65	0.33	4.73	1.50						
YA45L	1250 kcmil	—	—	3/4	2.46	2.00	0.38	4.68	1.69	Yellow	29	—	—	P45RT (3)	2-1/16
YA453LBOX	1300 kcmil	—	—	3/4	2.53	2.00	0.39	4.71	1.74	Orange	30	—	—	—	2-1/16
YA46L	1500 kcmil	—	—	3/4	2.69	2.00	0.40	4.78	1.84	Green	31	—	—	P46RT (3)**	2-1/16
YA48L	2000 kcmil	—	1000	3/4	3.10	2.25	0.46	5.19	2.13	Brown	34	—	—	—	2-3/8