

Compression Connections

Code Connectors Accommodating Flexible Wire with 444S and 644 Series Dieless Tools

Code Connectors Accommodating Flexible Wire with Dieless Tools

The following code connectors can accommodate flexible wire when using the 644 or 444S series dieless platform of installation tools **ONLY**. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using a 644 or 444S series tools with the number of crimps identified in the table below.



Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	1
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	1
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	1
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	1
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	1
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	1
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	1
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	1
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	1
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	1	1
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO	1	1
			550 FLEX G,H	1	1
YA39-	YS39-	750 kcmil	600 FLEX G	1	1
			550 FLEX M	1	1
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M	1	1
			650 FLEX G, 646 DLO	1	1
YA44-	YS44-	1000 kcmil	650 FLEX I	1	1
			750 FLEX G,H, 777 DLO	1	1

*Splices: # of crimps required for each side



Code Connectors Accommodating Flexible Wire with Dieless Tools

The following code connectors can accommodate flexible wire when using the 81K series 4-POINT® dieless platform of installation tools **ONLY**. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using an 81K series tool with the number of crimps identified in the table below.



Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA8C-	YS8C-	#8 AWG	#8 FLEX G,H,I,K,M,DLO	1	1
YA4C-	YS4C-	#4 AWG	#6 FLEX G,H,I,K,M,DLO #5 FLEX G,H,I,K,M,DLO	1	1
YA3C-	YS3C-	#3 AWG	#4 FLEX G,H,I,K,M,DLO	1	1
YA2C-	YS2C-	#2 AWG	#3 FLEX G,H,I,K,M,DLO	1	1
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	2
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	2
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	2
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	2
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	2
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	2
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	2
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	2
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	2
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	2	2
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO	2	2
			550 FLEX G,H	2	2
YA39-	YS39-	750 kcmil	600 FLEX G	2	3
			550 FLEX M	2	3
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M	2	3
			650 FLEX G, 646 DLO	2	3
YA44-	YS44-	1000 kcmil	650 FLEX I	—	3
			750 FLEX G,H, 777 DLO	2	3

*Splices: # of crimps required for each side



Code Class B/C
Terminal
(YA2CN shown)

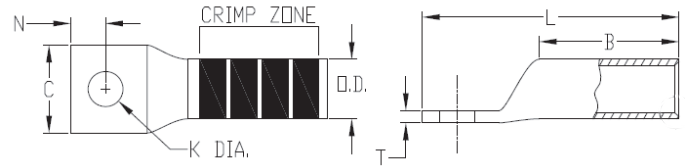


Flexible Wire
Accommodates
(#3 G,H,I,K,M,DLO)



UL Listed
CSA Certified

TYPES YA, YA-TC (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)	
YA8CTC10	8 AWG	#8 G,H,I,K,M DLO	10	Red	49	#10	0.21	0.27	0.81	0.41	1.57	—	0.25	0.08	7/8
YA8CTC14						1/4	0.27	0.27	0.81	0.44	1.69	—	0.31	0.08	
YA8CTC38						3/8	0.40	0.27	0.81	0.58	1.88	—	0.41	0.06	
YA6CTC8	6 AWG 6 Solid	—	—	Blue	7 or 374	#8	0.18	0.29	1.12	0.42	1.83	—	0.22	0.09	1-3/16
YA6CTC10						#10	0.21	0.29	1.12	0.42	1.89	—	0.25	0.09	
YA6C						1/4	0.27	0.29	1.12	0.41	1.81	—	0.25	0.09	
YA6CN						1/2	0.56	0.29	1.12	0.83	2.64	—	0.63	0.12	
YA6CTC516						5/16	0.33	0.29	1.12	0.52	2.08	—	0.34	0.07	
YA6CTC38	3/8	0.41	0.29	1.12	0.58	2.21	—	0.41	0.06						
YA5C	5 AWG	—	—	Blue	7 or 374	1/4	0.27	0.30	1.12	0.44	1.98	—	0.25	0.07	1-3/16
YA5CN						1/2	0.56	0.30	1.12	0.83	2.67	—	0.63	0.12	
YA4CTC10	4 AWG	—	—	Gray	8 or 346	#10	0.21	0.34	1.12	0.50	1.94	—	0.25	0.09	1-3/16
YA4C						1/4	0.27	0.34	1.12	0.50	1.87	—	0.25	0.09	
YA4CTC38						3/8	0.40	0.34	1.12	0.58	2.25	—	0.41	0.08	
YA4CN						1/2	0.56	0.34	1.12	0.83	2.69	—	0.63	0.12	
YA3CTC14	3 AWG 2 Solid	—	25	White	9	1/4	0.27	0.38	1.25	0.55	2.23	—	0.31	0.09	1-5/16
YA3C						5/16	0.33	0.38	1.25	0.55	2.30	—	0.34	0.09	
YA3CTC38						3/8	0.40	0.38	1.25	0.58	2.42	—	0.41	0.08	
YA3CN						1/2	0.56	0.38	1.25	0.83	2.86	—	0.63	0.12	
YA2CTC10	2 AWG	—	35	Brown	10	#10	0.21	0.42	1.25	0.60	2.10	—	0.25	0.11	1-5/16
YA2CTC14						1/4	0.27	0.42	1.25	0.60	2.23	—	0.31	0.11	
YA2C						5/16	0.33	0.42	1.25	0.60	2.29	—	0.34	0.11	
YA2CTC38						3/8	0.41	0.42	1.25	0.60	2.41	—	0.41	0.11	
YA2CN						1/2	0.56	0.42	1.25	0.83	2.88	—	0.63	0.12	
YA1CTC10	1 AWG	—	50	Green	11	#10	0.21	0.46	1.38	0.68	2.27	—	0.25	0.10	1-7/16
YA1CTC14						1/4	0.27	0.46	1.38	0.68	2.39	—	0.31	0.10	
YA1C						5/16	0.33	0.46	1.38	0.68	2.45	—	0.34	0.10	
YA1CTC38						3/8	0.41	0.46	1.38	0.68	2.58	—	0.41	0.10	
YA1CN						1/2	0.56	0.46	1.38	0.83	3.06	—	0.63	0.12	

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

*** 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

Notes: All dimensions shown are for reference only.

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