

COPPER PENN-CRIMPS® • TYPE BBLU

Continued from preceding page



2 HOLE NEMA SPACING

Part #	Copper Cond. Range†	Wire Dia. (in)	Stud Size	Approximate Dimensions (in inches)				Die Colour Code	Crimping Tool Reference				
				E	W	D	L		Penn-Union		Alt. Tooling		
									PUC Dies	Pressure Setting TDY-1 TDY-U	Burndy Index No.	T&B Die	
BBLU 6DN	6 Str.	.184	1/2	13/4	13/16	3	4 11/32	Blue	T-7*/374*	2		B-7	24
BBLU 4D1	4 Str.	.232	1/2	13/4	15/16	2 7/8	4 15/64	Gray	T-8*/346*			B-8	29
BBLU 2D6	2 Str.	.292	1/2	13/4	13/16	3	4 33/64	Brown	T-10			B-10	33
BBLU 1D2	1 Str.	.332	1/2	13/4	25/32	3	4 5/8	Green	T-11/375			B-11	37
BBLU 1/0D2NTC38 BBLU 1/0D3	1/0 Str.	.375	3/8	13/4	3/4	2 5/8	4 5/16	Pink	T-12/348	5	5	B-12	42
BBLU 2/0D	2/0 Str.	.419	1/2	13/4	13/16	3	4 13/16	Black	T-13			B-13	45
BBLU 3/0D	3/0 Str.	.470	1/2	13/4	29/32	3	4 7/8	Orange	T-14			B-14	50
BBLU 4/0D	4/0 Str.	.528	1/2	13/4	1	3	5 1/16	Purple	T-15			B-15	54
BBLU 025D	250 MCM	.575	1/2	13/4	1 1/8	3	5 1/8	Yellow	T-16	7	7	B-16	62
BBLU 030D	300 MCM	.634	1/2	13/4	3/16	3	5 9/16	White	T-17*			B-17	66H/66
BBLU 035D	350 MCM	.682	1/2	13/4	5/16	3	5 5/8	Red	T-18/ T-324			B-18	71H/71
BBLU 040D	400 MCM	.728	1/2	13/4	1 13/32	3	5 13/16	Blue	T-19*/470*			B-19	76H/76
BBLU 050D	500 MCM	.815	1/2	13/4	1 17/32	3	6	Brown	T-20/T-299	9	9	B-20	87
BBLU 060D	600 MCM	.893	1/2	13/4	1 23/32	3	6 9/16	Green	T-22/472			B-22	94H/94
BBLU 065D	650 MCM	.930	1/2	13/4	1 25/32	3	6 11/16	Pink	—			B-300	99
BBLU 075D	750 MCM	.999	1/2	13/4	1 29/32	3	6 13/16	Black	T-24*/473			B-24	106H/106
BBLU 080D	800 MCM	1.031	1/2	13/4	1 31/32	3	7	Orange	—	9***	9***	B-25	107H/107
BBLU 100D1	1000 MCM	1.153	1/2	13/4	2 3/16	3	7 1/8	White	—			B-27	125
BBLU 150D1	1500 MCM	1.412	1/2	13/4	2 11/16	3	7 7/16	Green	—			B-31	—
BBLU 200D1	2000 MCM	1.632	1/2	13/4	3 5/64	3	7 3/4	Brown	—			B-34	—

2 HOLE ASSORTED LUGS

BBLU 6D 2TC14	6 Str.	.184	1/4	5/8	13/32	1 9/32	2 21/32	Blue	T-7*/374*	2		B-7	24
BBLU 4D 2TC14	4 Str.	.232	1/4	5/8	1/2	1 9/32	2 11/16	Gray	T-8*/346*			B-8	29
BBLU 3D	3 Str.	.260	5/16	7/8	17/32	1 5/8	3 1/32	White	T-9*			B-9	—
BBLU 2D	2 Str.	.292	5/16	3/4	5/8	1 15/32	3 7/32	Brown	T-10			B-10	33
BBLU 1D	1 Str.	.332	5/16	7/8	11/16	1 5/8	3 3/8	Green	T-11/375	9***	9***	B-11	37
BBLU 1/0D	1/0 Str.	.375	5/16	7/8	3/4	1 19/32	3 5/8	Pink	T-12/348			B-12	42
BBLU 100D	1000 MCM	1.153	1/2	1 1/4	2 3/16	2 3/8	6 1/2	White	—			B-27	125
BBLU 150D	1500 MCM	1.412	1/2	1 3/8	2 11/16	2 1/2	6 15/16	Green	—			B-31	—
BBLU 200D	2000 MCM	1.632	1/2	1 1/2	3 5/64	3	7 3/8	Brown	—			B-34	—

† Concentric, compressed and compact stranding.

** (Also #2 Sol)

Installation tools see page F-24

* Consult factory for availability of dies not available at this time.

*** CUAD-1000

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ADDITIONAL WIRE SIZE RECOMMENDATIONS FOR COPPER PENN-CRIMPS®

• TYPES BCU, BBCU, BLU, BBLU

Copper Connector Catalogue Type Splices and Lugs (1 & 2 Hole)	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED		
	Class B & C Building Wire Cu Cable Size & Stranding	Class I Flexible Cable (#24AWG Cu Strands) Size & Stranding	Class K Weld Cable (#30AWG Cu Strands) Size & Stranding	Diesel Locomotive Cable (#24AWG Cu Strands) Size & Stranding	Class H Cable (No. & Dia. of Wire) Size & Stranding	Class G Cable (No. & Dia. of Wire) Size & Stranding	Class M Flexible Cable (#34AWG Cu Strands) Size & Stranding	Metric Cable Wire Size Range Copper Cable Only Metric Size & Dia.	Navy Cable	Air Craft
BCU-BBCU-BLU-BBLU-8	#8 AWG 7 or 19	#8 AWG 41/24	None	None	*#8 AWG 133/.0111	*#8 AWG 49/.0184	#8 AWG 420/34	6mm ² 3.21mm	#23	AN-8
BCU-BBCU-BLU-BBLU-6	#6 AWG 7 or 19	#6 AWG 63/24	None	None	#7 AWG 133/.0125	*#7 AWG 49/.0206	#7 AWG 532/34	10mm ² 4.12mm	None	None
BCU-BBCU-BLU-BBLU-5	#5 AWG 7 or 19	None	None	None	*#6 AWG 133/.0140	*#6 AWG 49/.0231	#6 AWG 665/34	16mm ² 5.18mm	#30	AN-6
BCU-BBCU-BLU-BBLU-4	#4 AWG 7 or 19	None	None	None	*#5 AWG 133/.0158	*#5 AWG 49/.0260	#5 AWG 836/34	*20mm ² 5.72mm	#40	None
BCU-BBCU-BLU-BBLU-3	#3 AWG 7 or 19	#4 AWG 105/24	#4 AWG 420/30	#4 AWG 105/24	#4 AWG 133/.0177	#4 AWG 49/.0292	#4 AWG 1064/34	25mm ² 6.60mm	#50	AN-4
BCU-BBCU-BLU-BBLU-2	#2 AWG 7 or 19	None	None	None	*#3 AWG 133/.0199	*#3 AWG 49/.0328	#3 AWG 1323/34	*30mm ² 7.01mm	#60	None
BCU-BBCU-BLU-BBLU-1	#1 AWG 19 or 37	#2 AWG 161/24	#2 AWG 665/30	#2 AWG 150/24	#2 AWG 133/.0223	#2 AWG 49/.0368	#2 AWG 1666/34	*40mm ² 8.20mm	#75	AN-2
BCU-BBCU-BLU-BBLU-1/0	1/0 AWG 19 or 37	None	#1 AWG 836/30	#1 AWG 225/24	#1 AWG 259/.0180	#1 AWG 133/.0251	#1 AWG 2107/34	50mm ² 9.27mm	#100	AN-1
BCU-BBCU-BLU-BBLU-2/0	2/0 AWG 19 or 37	1/0 AWG 266/24	1/0 AWG 1064/30	1/0 AWG 275/24	1/0 AWG 259/.0202	1/0 AWG 133/.0282	1/0 AWG 2646/34	70mm ² 10.92mm	#125	AN-1/0
BCU-BBCU-BLU-BBLU-3/0	3/0 AWG 19 or 37	2/0 AWG 342/24	2/0 AWG 1323/30	2/0 AWG 325/24	2/0 AWG 259/.0227	2/0 AWG 133/.0316	None	*85mm ² 11.94mm	#150	None
BCU-BBCU-BLU-BBLU-4/0	4/0 AWG 19 or 37	None	3/0 AWG 1666/30	3/0 AWG 450/24	3/0 AWG 259/.0255	3/0 AWG 133/.0355	2/0 AWG 3325/34	95mm ² 12.80mm	#200	AN-2/0 AN-3/0
BCU-BBCU-BLU-BBLU-025	250 MCM 37 or 61	None	None	None	None	None	3/0 AWG 4256/34	120mm ² 14.40mm	None	None
BCU-BBCU-BLU-BBLU-030	300 MCM 37 or 61	4/0 AWG 532/24	4/0 AWG 2107/30	4/0 AWG 550/24	*4/0 AWG 259/.0286	*4/0 AWG 133/.0399	4/0 AWG 5320/34	150mm ² 16.00mm	#300	AN-4/0
BCU-BBCU-BLU-BBLU-035	350 MCM 37 or 61	None	None	262 MCM 650/24	*250 MCM 427/.0242	*250 MCM 259/.0311	None	*180mm ² 17.42mm	#350	None
BCU-BBCU-BLU-BBLU-040	400 MCM 37 or 61	None	None	313 MCM 775/24	300 MCM 427/.0265	300 MCM 259/.0340	250 MCM 6384/34	185mm ² 17.80mm	#400	None
BCU-BBCU-BLU-BBLU-045	450 MCM 37 or 61	None	None	None	350 MCM 427/.0286	350 MCM 259/.0368	300 MCM 7581/34	None	None	None
BCU-BBCU-BLU-BBLU-050	500 MCM 37 or 61	350 MCM 882/24	None	373 MCM 925/24	400 MCM 427/.0306	400 MCM 259/.0393	350 MCM 8806/34	240mm ² 20.30mm	None	None
BCU-BBCU-BLU-BBLU-060	600 MCM 61 or 91	None	None	444 MCM 1100/24	450 MCM 427/.0325	450 MCM 259/.0417	400 MCM 10101/34	300mm ² 22.63mm	None	None
BCU-BBCU-BLU-BBLU-065	650 MCM 61 or 91	500 MCM 1225/24	None	535 MCM 1325/24	500 MCM 427/.0342	500 MCM 259/.0439	450 MCM 11396/34	None	None	None
BCU-BBCU-BLU-BBLU-075	750 MCM 61 or 91	None	None	646 MCM 1600/24 600 MCM 703/.0292	*550 MCM 703/.0280 600 MCM 427/.0375	*550 MCM 427/.0359	500 MCM 12691/34	None	None	None
BCU-BBCU-BLU-BBLU-080	800 MCM 61 or 91	None	None	None	*650 MCM 703/.0304 700 MCM 427/.0405	*650 MCM 427/.0390	550 MCM 13664/34	400mm ² 26.1mm	None	None
BCU-BBCU-BLU-BBLU-100	1000 MCM 61 or 91	750 MCM 1862/24	None	777 MCM 1925/24	*700 MCM 703/.0316 750 MCM 703/.0327	*750 MCM 427/.0419 800 MCM 427/.0433	600 MCM 14945/34 650 MCM 16226/34	500mm ² 29.3mm	None	None

*Not UL Listed