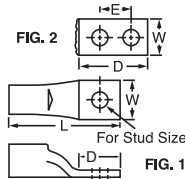


COPPER PENN-CRIMPS® • TYPE BLU

Short Barrel lugs with inspection window for #8 stranded thru 2000 MCM



LISTED
 CU
 90°C

COLOR-CODED COPPER COMPRESSION CONNECTORS

Connector Family	POWER	UL 467 GROUNDING			CSA C22.2 NO. 41 GROUNDING		
	UL 486A/ CSA22.2 No. 65 Wire Range	UL Grounding Max. Wire	Grounding & Bonding	Direct Burial	CSA Grounding Max. Wire	Grounding & Bonding	Direct Burial
BLU, BBLU, BBLZ, BCU, BCUU	8 Str.- 2000 MCM	500 MCM	YES	YES	250 MCM	YES	YES

POWER: UL 486A, CSA C22.2 NO. 65
 GROUNDING & BONDING & DIRECT BURIAL : UL 467, CSA C22.2 NO. 41

- Seamless, one piece, pure copper construction with tin plating assures maximum conductivity. Generous entrance chamfer provides easy cable insertion. Inspection window insures full insertion.
- Catalogue number and conductor size marked on every piece ensures positive identification.
- Can be installed with existing crimping tools. Colour coding conforms to industry requirements to insure proper connector/die selection and to provide for faster installation.
- BLU LUGS ARE SUITABLE FOR USE AT VOLTAGES UP TO 35KV.
- 45° and 90° Variations are UL Listed and CSA certified. Contact factory for price and availability.
- NEW FEATURE – UL/CSA approved with Versa-Crimp* tooling and wire ranges. Versa-Crimp* is a registered trademark of Hubbell Incorporated.

NOW LISTED FOR GROUNDING, BONDING & DIRECT BURIAL APPLICATIONS

NEW FEATURE!

Part #	Copper Cond. Range†	Wire Dia. (in)	Stud Size	Fig. No	Approximate Dimensions (in inches)				Die Colour Code	Crimping Tool Reference			
					E	W	D	L		Penn-Union		Alt. Tooling	
										PUC Dies	TDY-1 Pressure Setting	Burndy Index No.	T&B Die
BLU8S14 BLU8D2TC10 BLU8S15 BLU8S16 BLU8S17 BLU8S18	8 Str.	.146	#10 #10 1/4 5/16 3/8 1/2	1 2 1 1 1 1	— 5/8 — — — —	13/32 13/32 13/32 9/16 9/16 13/16	1/2 1 1/8 5/16 2 1/32 1 11/32 55/64	1 5/32 1 25/32 1 7/32 1 5/16 1 11/32 1 33/64	Red	T-6*		B-6	21
BLU6S BLU6S1 BLU6D2TC14 BLU6S2 BLU6S8	6 Str.	.184	#10 1/4 1/4 5/16 3/8	1 1 2 1 1	— — 5/8 — —	13/32 7/16 7/16 1/2 19/32	1 9/16 1 1/16 1 3/16 3/4 19/16	1 39/64 1 23/32 2 7/32 1 25/32 1 27/32	Blue	T-7* / T-374*		B-7	24
BLU5S BLU5S1 BLU5D2TC14 BLU5S2 BLU5S3	5 Str.	.206	#10 1/4 1/4 5/16 3/8	1 1 2 1 1	— — 5/8 — —	7/16 7/16 7/16 9/16 19/32	9/16 1 1/16 1 3/16 2 19/64 1 49/64	1 39/64 1 47/64 2 19/64 1 55/64 1 59/64	Blue	T-7* / T-374*		B-7	24
BLU4S BLU4S1 BLU4D2TC14 BLU4S10 BLU4S2	4 Str.	.232	#10 1/4 1/4 5/16 3/8	1 1 2 1 1	— — 5/8 — —	1/2 1/2 1 3/16 19/32 19/32	9/16 1 1/16 2 19/64 2 23/64 1 49/64	1 39/64 1 47/64 2 19/64 1 49/64 1 49/64	Gray	T-8* / T-346*		B-8	29
BLU3S BLU3S1 BLU3D2TC14** BLU3S2 BLU3S3	3 Str.	.260	#10 1/4 1/4 5/16 3/8	1 1 2 1 1	— — 5/8 — —	17/32 17/32 17/32 9/16 19/32	9/16 1 1/16 1 3/16 3/4 7/8	1 43/64 1 51/64 2 19/64 1 55/64 1 63/64	White	T-9*		B-9	—
BLU2S15 BLU2S BLU2D2TC14 BLU2S1 BLU2S2 BLU2S10 BLU2D2	2 Str.	.292	#10 1/4 1/4 5/16 3/8 1/2 1/2	1 1 2 1 1 1 2	— — 5/8 — — — 1 3/4	19/32 19/32 19/32 19/32 5/8 13/16 13/16	2 1/32 1 1/16 1 7/32 3/4 7/8 1 1/8 2 7/8	1 47/64 1 51/64 2 21/64 1 55/64 1 63/64 2 15/64 3 63/64	Brown	T-10	2	B-10	33
BLU1S9 BLU1D2TC14 BLU1S BLU1D2TC516E6 BLU1S1 BLU1S4	1 Str.	.332	1/4 1/4 5/16 5/16 3/8 1/2	1 2 1 2 1 1	— 5/8 — 7/8 — —	43/64 43/64 43/64 43/64 43/64 3/4	9/16 1 3/16 3/4 1 5/8 7/8 1 1/8	1 27/64 2 23/64 1 55/64 2 51/64 2 3/64 2 19/64	Green	T-11/375		B-11	37
BLU1/OS19 BLU1/OS BLU1/OD2TC516E6 BLU1/OS1 BLU1/OD2TC38 BLU1/OS20 BLU1/OD2	1/0 Str.	.375	1/4 5/16 5/16 3/8 3/8 1/2 1/2	1 1 2 1 2 1 2	— — 7/8 — 1 — —	3/4 3/4 3/4 3/4 3/4 13/16 13/16	3/4 2 1/16 1 5/8 7/8 3 2 1/4 2 7/8	1 15/16 2 1/16 2 13/16 2 1/16 3 2 1/4 4 1/16	Pink	T-12/348		B-12	42

+ 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

† Note: On double hole lugs: Nema spacing #10 & 1/4" studs—5/8" centers, 3/8" studs—1" centers, 1/2" studs—1 3/4" centers.
 CSA approved with T&B, Burndy, Versa-Crimp, Huskie Tooling and Penn-Union Tools. See CSA File # LR23769-20, figure A5, appendix I.

COPPER PENN-CRIMPS® • TYPE BLU

Continued from preceding page



Part #	Copper Cond. Range†	Wire Dia. (in)	Stud Size	Fig. No	Approximate Dimensions (in inches)				Die Color 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	
BLU2/0S20 BLU2/0S21 BLU2/0D2TC516E6 BLU2/0S BLU2/0D2TC38 BLU2/0S4 BLU2/0D	2/0 Str.	.419	1/4 5/16 5/16 3/8 3/8 1/2 1/2	1 1 2 2 1 2	— — 7/8 — — — 13/4	— — 13/16 — — — —	13/16 13/16 15/8 7/8 13/16 1 1/8 2 7/8	2 1/16 2 1/16 2 7/8 2 1/8 3 1/16 2 3/8 4 1/8	Black	T-13	2		B-13	45
BLU3/0S14 BLU3/0S15 BLU3/0D11 BLU3/0S BLU3/0D2TC38 BLU3/0S1 BLU3/0D	3/0 Str.	.470	1/4 5/16 5/16 3/8 3/8 1/2 1/2	1 1 2 1 2 1 2	— — 7/8 — — — 13/4	— — 29/32 — — — —	13/16 13/16 15/8 7/8 13/16 1 1/8 2 7/8	1 5/16 1 5/16 3 2 1/4 3 1/16 2 1/2 4 1/4	Orange	T-14			B-14	50
BLU4/0S19 BLU4/0S25 BLU4/0S BLU4/0D2TC38 BLU4/0S1 BLU4/0D	4/0 Str.	.528	1/4 5/16 3/8 3/8 1/2 1/2	1 1 1 2 1 2	— — — 1 — 13/4	— — 1 — — —	25/32 25/32 7/8 13/16 1 1/8 2 9/16	2 7/32 2 7/32 2 5/16 3 1/4 2 9/16 4 5/16	Purple	T-15	5	5	B-15	54
BLU025S4 BLU025S5 BLU025S2 BLU025D2TC38 BLU025S BLU025D	250 MCM	.575	1/4 5/16 3/8 3/8 1/2 1/2	1 1 1 2 1 2	— — — 1 — 13/4	— — 13/32 — — —	25/32 25/32 1 13/16 1 1/8 2 7/8	2 1/32 2 1/32 2 9/16 3 3/8 2 1/16 4 7/16	Yellow	T-16			B-16	62
BLU030S6 BLU030S7 BLU030D2TC38 BLU030S BLU030D BLU030S8	300 MCM	.634	5/16 3/8 3/8 1/2 1/2 5/8	1 1 2 1 2 1	— — 1 — 13/4 —	— — 13/16 — — —	25/32 1 13/16 1 1/8 2 7/8 1 11/16	2 13/32 2 5/8 3 7/16 2 3/4 4 1/2 3 7/16	White	T-17*			B-17	66H or 66
BLU035S1 BLU035D2TC38 BLU035S BLU035D BLU035S3	350 MCM	.682	3/8 3/8 1/2 1/2 5/8	1 2 1 2 1	— — — 1 —	19/32 — — — —	7/8 1 13/16 1 5/32 2 7/8 1 13/32	2 5/8 3 9/16 2 29/32 4 5/8 3 5/32	Red	T-18/324	7	7	B-18	71H or 71
BLU040D2TC38 BLU040S4 BLU040D BLU040S	400 MCM	.728	3/8 1/2 1/2 5/8	2 1 2 1	1 — 13/4 —	113/32 — — —	13/16 13/16 2 7/8 1 7/16	3 1/16 3 1/16 4 3/4 3 5/16	Blue	T-19* / T-470*			B-19	76H or 76
BLU045S1 BLU045D BLU045S	450 MCM	.772	1/2 1/2 5/8	1 2 1	— 13/4 —	129/64 — —	13/16 2 7/8 1 7/16	3 1/16 4 3/64 3 9/16	Blue	T-19* / T-470*			B-19	76H or 76
BLU050D2TC38 BLU050S2 BLU050D BLU050S	500 MCM	.815	3/8 1/2 1/2 5/8	2 1 2 1	— — 13/4 —	117/62 — — —	13/16 1 1/8 2 7/8 1 7/16	3 5/16 3 1/32 5 3 9/16	Brown	T-20/299			B-20	87
BLU060D BLU060S BLU060S1	600 MCM	.893	1/2 5/8 1/2	2 1 1	13/4 — —	123/62 — —	2 7/8 1 3/4 1 3/4	5 3/32 3 31/32 3 1/32	Green	T-22/472	9	9	B-22	94H or 94
BLU065D BLU065S4 BLU065S5	650 MCM	.930	1/2 5/8 1/2	2 1 1	13/4 — —	125/62 — —	2 7/8 1 3/4 1 3/4	5 3/32 3 31/32 3 1/32	Pink	—			B-300	99
BLU075D BLU075S	750 MCM	.999	1/2 5/8	2 1	13/4 —	129/62 —	2 7/8 1 7/16	5 7/16 4	Black	T-24*/473			B-24	106H or 106
BLU080D BLU080S	800 MCM	1.031	1/2 5/8	2 1	13/4 —	131/62 —	2 7/8 1 7/8	5 7/32 4 7/32	Orange	—			B-25	107H or 107
BLU100D BLU100S BLU100S4	1000 MCM	1.153	1/2 5/8 3/4	2 1 1	13/4 — —	23/16 — —	2 7/8 1 7/8 1 7/8	5 7/8 4 7/8 4 7/8	White	—	9***	9***	B-27	125
BLU150D BLU150S	1500 MCM	1.412	1/2 3/4	2 1	13/4 —	211/46 —	2 7/8 2 1/4	6 3/32 5 5/32	Green	—			B-31	—
BLU200D BLU200S	2000 MCM	1.632	1/2 3/4	2 1	13/4 —	— 3 1/16	2 7/8 2 3/8	6 3/8 5 5/16	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.

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† Note: On double hole lugs: Nema spacing #10 & 1/4" studs—5/8" centers, 3/8" studs—1" centers, 1/2" studs—1 3/4" centers.
 CSA approved with T&B, Burndy, Versa-Crimp, Huskie Tooling and Penn-Union Tools. See CSA File # LR23769-20, figure A5, appendix I.

ADDITIONAL WIRE SIZE RECOMMENDATIONS FOR COPPER PENN-CRIMPS®

• TYPES BCU, BBCU, BLU, BBLU

Copper Connector Catalogue Type Splices and Lugs (1 & 2 Hole)	 	 	 	 	 	 	 	 		
	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