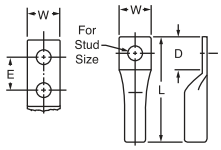
COPPER PENN-CRIMPS® • TYPE BBLU

Long barrel lugs for #6 stranded thru 2000 MCM

RoHS COMPLIANT
LISTED CU 90°C
see note below



LISTED CU 90°C

COLOR-CODED COPPER COMPRESSION CONNECTORS

	POWER	UL 467 GROUNDING			CSA C22.2 NO. 41 GROUNDING		
Connector Family	UL486A/ 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, BBCU	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

- Longer length barrel permits extra crimps for additional assurance on heavy duty loads. Seamless, one piece, pure copper construction with tin plating assures maximum conductivity. Generous entrance chamfer provides easy cable insertion. End of cable is protected from environmental hazards by completely closed transition.
- Catalogue number and conductor sizes marked on every piece insures positive identification.
- Can be installed with existing crimping tools. Die colour coding conforms to industry standards to insure proper connector/die selection and to provide for faster installation.
- BBLU 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!

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1 HOLE LUGS

Part #	Copper Cond. Range†	Wire Dia. (in)	Stud Size	Approximate Dimensions (in inches) E	W	D	L	Die Colour Code	Crimping Tool Reference: Penn-Union PUC Dies	Penn-Union Pressure Setting TDY-1	Penn-Union Pressure Setting TDY-U	Alt. Tooling Burndy Index No.	Alt. Tooling T&B Die
BBLU6S	6 Str	.184	1/4	–	13/32	11/16	2 1/16	Blue	T-7*/374*			B-7	24
BBLU6S1			1/2	–	13/16	1 1/4	2 19/32						
BBLU4S	4 Str.	.232	1/4	–	1/2	11/16	2 1/16	Gray	T-8*/346*	2		B-8	29
BBLU4S1			3/8	–	13/16	1 1/4	2 39/64						
BBLU4S2			1/2	–	13/16	1 1/4	2 39/64						
BBLU3S3	3 Str.	.260	1/4	–	17/32	3/4	2 5/32		T-9*			B-9	–
BBLU3S1			5/16	–	17/32	3/4	2 5/32	White					
BBLU2S	2 Str.	.292	5/16	–	19/32	3/4	2 1/4	Brown	T-10			B-10	33
BBLU1S	1 Str.	.332	5/16	–	11/16	3/4	2 3/8	Green	T-11/375			B-11	37
BBLU1/0S	1/0 Str.	.375	5/16	–	3/4	3/4	2 7/16	Pink	T-12/348			B-12	42
BBLU1/0S2			3/8	–	3/4	13/16	2 3/8						
BBLU2/0S	2/0 Str.	.419	3/8	–	13/16	7/8	2 11/16	Black	T-13			B-13	45
BBLU2/0S1			1/2	–	13/16	1 1/4	3 1/16						
BBLU3/0S2	3/0 Str.	.470	3/8	–	29/32	1 1/4	3 1/8	Orange	T-14	5	5	B-14	50
BBLU3/0S			1/2	–	29/32	1 1/4	3 1/8						
BBLU4/0S	4/0 Str.	.528	1/2	–	1	1 1/4	3 5/16	Purple	T-15			B-15	54
BBLU025S	250 MCM	.575	1/2	–	1 1/8	1 1/4	3 3/8	Yellow	T-16			B-16	62
BBLU030S	300 MCM	.634	1/2	–	1 3/16	1 1/4	3 13/16	White	T-17*	7	7	B-17	66H/66
BBLU035S	350 MCM	.682	1/2	–	1 9/32	1 1/4	3 27/32	Red	T-18/T-324			B-18	71H/71
BBLU040S	400 MCM	.728	5/8	–	1 13/32	1 1/2	4 5/16	Blue	T-19*/470*			B-19	76H/76
BBLU040S1			1/2	–	1 13/32	1 1/4	4 1/16						
BBLU050S	500 MCM	.815	5/8	–	1 17/32	1 15/32	4 1/2	Brown	T-20/T-299	9	9	B-20	87
BBLU050S2			1/2	–	1 17/32	1 1/4	4 1/4						
BBLU060S	600 MCM	.893	5/8	–	1 23/32	1 1/2	5 1/8	Green	T-22/472	9	9	B-22	94H/94
BBLU065S	650 MCM	.930	1/2	–	1 25/32	1 3/4	5 13/32	Pink	–			B-300	99
BBLU065S1			5/8	–	1 25/32	1 3/4	5 13/32		–				
BBLU075S	750 MCM	.999	5/8	–	1 29/32	1 1/2	5 5/16	Black	T-24*/473			B-24	106H/106
BBLU080S	800 MCM	1.031	5/8	–	1 31/32	1 1/2	5 1/2	Orange	–			B-25	107H/107
BBLU100S	1000 MCM	1.153	5/8	–	2 3/16	1 1/2	5 5/8	White	–	9***	9***	B-27	125
BBLU150S	1500 MCM	1.412	3/4	–	2 11/16	2 1/8	6 9/16	Green	–			B-31	–
BBLU200S	2000 MCM	1.632	3/4	–	3 1/16	2 1/8	6 7/8	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

† 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 BBLU

Continued from preceding page

RoHS COMPLIANT
UL LISTED CU 90°C
CSA see note below

2 HOLE NEMA SPACING

Part #	Copper Cond. Range†	Wire Dia. (in)	Stud Size	Approximate Dimensions (in inches) E	W	D	L	Die Colour Code	Crimping Tool Reference: Penn-Union PUC Dies	Penn-Union Pressure Setting TDY-1	Penn-Union Pressure Setting TDY-U	Alt. Tooling Burndy Index No.	Alt. Tooling T&B Die
BBLU 6DN	6 Str.	.184	1/2	1 3/4	13/16	3	4 11/32	Blue	T-7*/374*			B-7	24
BBLU 4D1	4 Str.	.232	1/2	1 3/4	15/16	2 7/8	4 15/64	Gray	T-8*/346*			B-8	29
BBLU 2D6	2 Str.	.292	1/2	1 3/4	13/16	3	4 33/64	Brown	T-10			B-10	33
BBLU 1D2	1 Str.	.332	1/2	1 3/4	25/32	3	4 5/8	Green	T-11/375	2		B-11	37
BBLU 1/0D 2NTC38 BBLU 1/0D3	1/0 Str.	.375	3/8 1/2	1 3/4 1 3/4	3/4 13/16	2 5/8 2 7/8	4 5/16 4 9/16	Pink	T-12/348			B-12	42
BBLU 2/0D	2/0 Str.	.419	1/2	1 3/4	13/16	3	4 13/16	Black	T-13			B-13	45
BBLU 3/0D	3/0 Str.	.470	1/2	1 3/4	29/32	3	4 7/8	Orange	T-14			B-14	50
BBLU 4/0D	4/0 Str.	.528	1/2	1 3/4	1	3	5 1/16	Purple	T-15	5	5	B-15	54
BBLU 025D	250 MCM	.575	1/2	1 3/4	1 1/8	3	5 1/8	Yellow	T-16			B-16	62
BBLU 030D	300 MCM	.634	1/2	1 3/4	3/16	3	5 9/16	White	T-17*			B-17	66H/66
BBLU 035D	350 MCM	.682	1/2	1 3/4	5/16	3	5 5/8	Red	T-18/ T-324	7	7	B-18	71H/71
BBLU 040D	400 MCM	.728	1/2	1 3/4	1 13/32	3	5 13/16	Blue	T-19*/470*			B-19	76H/76
BBLU 050D	500 MCM	.815	1/2	1 3/4	1 17/32	3	6	Brown	T-20/T-299			B-20	87
BBLU 060D	600 MCM	.893	1/2	1 3/4	1 23/32	3	6 9/16	Green	T-22/472	9	9	B-22	94H/94
BBLU 065D	650 MCM	.930	1/2	1 3/4	1 25/32	3	6 11/16	Pink	–			B-300	99
BBLU 075D	750 MCM	.999	1/2	1 3/4	1 29/32	3	6 13/16	Black	T-24*/473			B-24	106H/106
BBLU 080D	800 MCM	1.031	1/2	1 3/4	1 31/32	3	7	Orange	–			B-25	107H/107
BBLU 100D1	1000 MCM	1.153	1/2	1 3/4	2 3/16	3	7 1/8	White	–	9***	9***	B-27	125
BBLU 150D1	1500 MCM	1.412	1/2	1 3/4	2 11/16	3	7 7/16	Green	–			B-31	–
BBLU 200D1	2000 MCM	1.632	1/2	1 3/4	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*			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	2		B-10	33
BBLU 1D	1 Str	.332	5/16	7/8	11/16	1 5/8	3 3/8	Green	T-11/375			B-11	37
BBLU 1/0D	1/0 Str.	.375	5/16	7/8	3/4	1 19/32	3 5/16	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	–	9***	9***	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

NEW FEATURE!

NOW LISTED FOR GROUNDING, BONDING & DIRECT BURIAL APPLICATIONS

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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)	LISTED Class B & C Building Wire Cu Cable Size & Stranding	LISTED Class I Flexible Cable (#24AWG Cu Strands) Size & Stranding	LISTED Class K Weld Cable (#30AWG Cu Strands) Size & Stranding	LISTED Diesel Locomotive Cable (#24AWG Cu Strands) Size & Stranding	LISTED Class H Cable (No. & Dia. of Wire) Size & Stranding	LISTED Class G Cable (No. & Dia. of Wire) Size & Stranding	Class M Flexible Cable (#34AWG Cu Stands) Size & Stranding	LISTED 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	6mm² 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	10mm² 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	16mm² 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	*20mm² 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	25mm² 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	*30mm² 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	*40mm² 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	50mm² 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	70mm² 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	*85mm² 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	95mm² 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	120mm² 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	150mm² 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	*180mm² 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	185mm² 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	240mm² 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	300mm² 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	400mm² 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	500mm² 29.3mm	None	None

*Not UL Listed

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