

PENN-UNION CORP COPPER PENN-CRIMPS
COPPER CABLE ONLY (Cu)
Standard Installation Instructions

500MCM MAX DB 250MCM MAX
467 C22.2 No.41
GROUNDING AND BONDING
SUITABLE FOR DIRECT BURIAL

CATALOG NUMBER	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	LOCUMOTIVE CABLE (#24AWG Cu STRANDS) SIZE & STRANDING	DIESEL DIESEL DIESEL CABLE (#24AWG Cu STRANDS) SIZE & STRANDING	STRIP LENGTH (IN)	DIE COLOR CODE	PUC CRIMP TOOL NUMBER	PUC DIE CATALOG NUMBER	BURNDY CRIMP TOOL NUMBERS	BURNDY DIE INDEX NUMBER	T & B DIE CODE NUMBER	NUMBER OF DIE CRIMPS	MECHANICAL CRIMP TOOLS		ILSCD & RIGID DIELESS CRIMP TOOLS
														BUILDING WIRE CLASS B & C Cu CABLE	FLEXIBLE Cu CABLE (CLASS I, K & J)	
BLU-030S, 030S2* -030S6, -030S7 -030S8 -030D, -030D9 BBLU/BBLZ-030S, -030S1 -030D, -030D1 BCU-030 BBCU-030	300 MCM 37 DR 61	4/0 AVG 532/24	4/0 AVG 2107/30	4/0 AVG 550/24		1-3/16 1-3/16 1-3/16 2-1/8 2-1/8 1-3/16 2-1/8	WHITE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-17	Y35, Y39 & Y750	17	66		PUC TDM-500	NONE	ILSCD IVTB-6 & RIGID RE-6 WITH 4P-6 CRIMP HEAD
BLU-035S -035S1, -035S3 -035D, -035D4 -035D13 BBLU/BBLZ-035S, 035S1 -035D, -035D2, -035D6 BCU-035 BBCU-035	350 MCM 37 DR 61	NONE	NONE	262 MCM 650/24		1-1/4 1-1/4 1-1/4 2-1/8 2-1/8 2-1/8 1-1/4 2-1/8	RED	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-18	Y35, Y39 & Y750	18/324	71		PUC TDM-500		
BLU-040S -040S4 -040D, -040D7 BBLU/BBLZ -040S -040D, -040D8 BCU-040 BBCU-040	400 MCM 37 DR 61	NONE	NONE	313 MCM 775/24		1-5/16 1-5/16 1-5/16 2-1/4 2-1/4 1-5/16 2-1/4	BLUE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-19	Y35, Y39 & Y750	19/470	76		PUC TDM-500		
BLU-045S -045S1 -045D BCU-045	450 MCM 37 DR 61	NONE	NONE	NONE	NONE	1-5/16 1-5/16 1-5/16	BLUE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-19	Y35, Y39 & Y750	19/470	76		PUC NONE OR BURNDY NONE		
BLU-050S -050S2* -050D, -050D4 -050D10, -050D13 BBLU/BBLZ -050S -050D, -050D3 BCU-050 BBCU-050	500 MCM 37 DR 61	350 MCM 882/24	NONE	373 MCM 925/24		1-1/2 1-1/2 1-1/2 1-1/2 2-3/8 2-3/8 1-1/2 2-3/8	BROWN	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-20	Y35, Y39 & Y750	20/299	87		PUC TDM-500		

NOTE: CONNECTORS ARE NOT UL / CSA FOR GROUNDING AND BONDING WHEN INSTALLED WITH THE ILSCD IVTB-6 DR RIGID RE-6 TOOLS.

USE SINGLE OR MULTIPLE CRIMPS
FILL THE CONNECTOR BARREL WITH CRIMPS

REPRESENTATIVE CRIMPING LOCATIONS
FILL BARREL WITH CRIMPS
SPlice
LUG

SEE REVERSE SIDE FOR VERSA-CRIMP™ WIRE RANGES

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														BUILDING WIRE CLASS B & C Cu CABLE	FLEXIBLE Cu CABLE (CLASS I, K & J)	
BLU-030S, 030S2* -030S6, -030S7 -030S8 -030D, -030D9 BBLU/BBLZ-030S, -030S1 -030D, -030D1 BCU-030 BBCU-030	300 MCM 37 DR 61	4/0 AVG 532/24	4/0 AVG 2107/30	4/0 AVG 550/24		1-3/16 1-3/16 1-3/16 2-1/8 2-1/8 1-3/16 2-1/8	WHITE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-17	Y35, Y39 & Y750	17	66		PUC TDM-500	NONE	ILSCD IVTB-6 & RIGID RE-6 WITH 4P-6 CRIMP HEAD
BLU-035S -035S1, -035S3 -035D, -035D4 -035D13 BBLU/BBLZ-035S, 035S1 -035D, -035D2, -035D6 BCU-035 BBCU-035	350 MCM 37 DR 61	NONE	NONE	262 MCM 650/24		1-1/4 1-1/4 1-1/4 2-1/8 2-1/8 2-1/8 1-1/4 2-1/8	RED	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-18	Y35, Y39 & Y750	18/324	71		PUC TDM-500		
BLU-040S -040S4 -040D, -040D7 BBLU/BBLZ -040S -040D, -040D8 BCU-040 BBCU-040	400 MCM 37 DR 61	NONE	NONE	313 MCM 775/24		1-5/16 1-5/16 1-5/16 2-1/4 2-1/4 1-5/16 2-1/4	BLUE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-19	Y35, Y39 & Y750	19/470	76		PUC TDM-500		
BLU-045S -045S1 -045D BCU-045	450 MCM 37 DR 61	NONE	NONE	NONE	NONE	1-5/16 1-5/16 1-5/16	BLUE	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-19	Y35, Y39 & Y750	19/470	76		PUC NONE OR BURNDY NONE		
BLU-050S -050S2* -050D, -050D4 -050D10, -050D13 BBLU/BBLZ -050S -050D, -050D3 BCU-050 BBCU-050	500 MCM 37 DR 61	350 MCM 882/24	NONE	373 MCM 925/24		1-1/2 1-1/2 1-1/2 1-1/2 2-3/8 2-3/8 1-1/2 2-3/8	BROWN	TPU-12 TPU-18 TPU-6 HDT-1000 TPU-1500H	T-20	Y35, Y39 & Y750	20/299	87		PUC TDM-500		

NOTE: CONNECTORS ARE NOT UL / CSA FOR GROUNDING AND BONDING WHEN INSTALLED WITH THE ILSCD IVTB-6 DR RIGID RE-6 TOOLS.

USE SINGLE OR MULTIPLE CRIMPS
FILL THE CONNECTOR BARREL WITH CRIMPS

REPRESENTATIVE CRIMPING LOCATIONS
FILL BARREL WITH CRIMPS
SPlice
LUG

SEE REVERSE SIDE FOR VERSA-CRIMP™ WIRE RANGES

COPPER CONNECTOR CATALOG NUMBER FOR TYPES: BLU, BCU, BBLU, BBCU, BBLZ, BCUR	VERSA-CRIMP® TOOLS WIRE RANGE AWG OR MCM STRANDED COPPER	PENN UNION COPPER CONNECTORS FOR USE WITH VERSA-CRIMP® INSTALLATION TOOLING. (NUMBER OF REQUIRED CRIMPS PER CONNECTION BY CONNECTOR & TOOL COMBINATIONS)												UL US BCUR PRODUCTS		
		VERSA-CRIMP® TOOLS / CONNECTOR TYPES / NUMBER OF CRIMPS														
		VC6-350		VC6-500-BP		VC6-3 ◇		VC6-FT		VC7 ◇		VC7-FT		VC8C		
BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	
-6	#6	1	2	1	2	-	-	-	-	-	-	-	-	-	-	
-4	#4	1	2	1	2	-	-	-	-	-	-	-	-	-	-	
-2	#6-#2	1	2	1	2	1	2 O'LAP	1	2 O'LAP	1	2	1	2	-	-	
-1	#6-#1	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-1/0	#6-1/0	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-2/0	#4-2/0	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-3/0	#2-3/0	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-4/0	#1-4/0	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-025	1/0-250	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-030	2/0-300	2	4	2	4	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-035	3/0-350	-	-	3 O'LAP	5	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-040	4/0-400	-	-	3 O'LAP	6	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-050	4/0-500	-	-	4 O'LAP	6	2	4 O'LAP	2	4 O'LAP	2	4	2	4	1 ◇	2 ◇	
-060	250-600	-	-	-	-	-	-	2	4	-	-	2	4	1 ◇	3 ◇	
-075	500-750	-	-	-	-	-	-	3 O'LAP	4 O'LAP	-	-	3	4	2 O'LAP	3	
-080	500-800	-	-	-	-	-	-	-	-	-	-	-	-	2 O'LAP	3	
-100	750-1000	-	-	-	-	-	-	-	-	-	-	-	-	2	4 O'LAP	
-150	1000-1500	-	-	-	-	-	-	-	-	-	-	-	-	2	4 O'LAP	
* NOTE* BCUR REDUCING SPLICES REQUIRE DIFFERENT CRIMP TOOLING AND DIES ON EACH END DUE TO REDUCING CAPABILITY.		"A" VC6-350 RELATED TOOLS:		"A" VC6-3 ◇ RELATED TOOLS:				"A" VC6-FT RELATED TOOLS:				"A" VC7 ◇ RELATED TOOLS:		"A" VC8C RELATED TOOLS:		
		"A" VC6-350R		"P" TPU-6		"H" REC-6630		"P" TPU-6FT		"P" TPU-6FTH		"A" VC7R		NONE		
		"A" VC6-350-SN		"H" EP-630A		"P" TPU-6H		"H" EP-750A		"A" VC6-FTR		"A" VC7-FT RELATED TOOLS:				
		"A" VC6-350R-SN		"P" TPU-6B		"A" VC6R		"A" VC6-FTB		"H" EP-750HA						
"A" VC6-500-BP RELATED TOOLS:		"A" VC6-3		"H" EP-630HA		"A" VC6-FT-BP		"H" REC-750								
NONE		"A" VC6-3-BP														
TOOL SUMMARY: REPRESENTATIVE TOOL AND RELATED TOOLS - "P" = PENN-UNION, "A" = ANDERSON, "H" = HUSKIE																REDRAWN BY: RDB 2/23/17
◇ USERS OF ANDERSON VC6-3 AND VC7 AND RELATED TOOLS MUST STRIP OFF AN EXTRA 1.58" OF INSULATION FROM ONE END OF CABLE TO PERMIT REMOVAL OF TOOL OVER CONDUCTOR SIZES 250 MCM AND LARGER ON "BCU", "BBCU" & "BCUR" SPLICING SLEEVES.																◇ VC8C TOOL CRIMPS 500 MCM ONLY. VERSA-CRIMP® IS A REGISTERED TRADE-MARK OF HUBBELL INCORPORATED.

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		VERSA-CRIMP® TOOLS / CONNECTOR TYPES / NUMBER OF CRIMPS														
		VC6-350		VC6-500-BP		VC6-3 ◇		VC6-FT		VC7 ◇		VC7-FT		VC8C		
BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	BLU BCU *BCUR	BBLU BBLZ BBCU	
-6	#6	1	2	1	2	-	-	-	-	-	-	-	-	-	-	
-4	#4	1	2	1	2	-	-	-	-	-	-	-	-	-	-	
-2	#6-#2	1	2	1	2	1	2 O'LAP	1	2 O'LAP	1	2	1	2	-	-	
-1	#6-#1	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-1/0	#6-1/0	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-2/0	#4-2/0	1	3	1	3	1	2	1	2	1	2	1	2	-	-	
-3/0	#2-3/0	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-4/0	#1-4/0	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-025	1/0-250	2	3	2	3	2 O'LAP	2	2 O'LAP	2	2	2	2	2	-	-	
-030	2/0-300	2	4	2	4	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-035	3/0-350	-	-	3 O'LAP	5	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-040	4/0-400	-	-	3 O'LAP	6	2 O'LAP	3	2 O'LAP	3	2	3	2	3	-	-	
-050	4/0-500	-	-	4 O'LAP	6	2	4 O'LAP	2	4 O'LAP	2	4	2	4	1 ◇	2 ◇	
-060	250-600	-	-	-	-	-	-	2	4	-	-	2	4	1 ◇	3 ◇	
-075	500-750	-	-	-	-	-	-	3 O'LAP	4 O'LAP	-	-	3	4	2 O'LAP	3	
-080	500-800	-	-	-	-	-	-	-	-	-	-	-	-	2 O'LAP	3	
-100	750-1000	-	-	-	-	-	-	-	-	-	-	-	-	2	4 O'LAP	
-150	1000-1500	-	-	-	-	-	-	-	-	-	-	-	-	2	4 O'LAP	
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		"A" VC6-350R		"P" TPU-6		"H" REC-6630		"P" TPU-6FT		"P" TPU-6FTH		"A" VC7R		NONE		
		"A" VC6-350-SN		"H" EP-630A		"P" TPU-6H		"H" EP-750A		"A" VC6-FTR		"A" VC7-FT RELATED TOOLS:				
		"A" VC6-350R-SN		"P" TPU-6B		"A" VC6R		"A" VC6-FTB		"H" EP-750HA						
"A" VC6-500-BP RELATED TOOLS:		"A" VC6-3		"H" EP-630HA		"A" VC6-FT-BP		"H" REC-750								
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