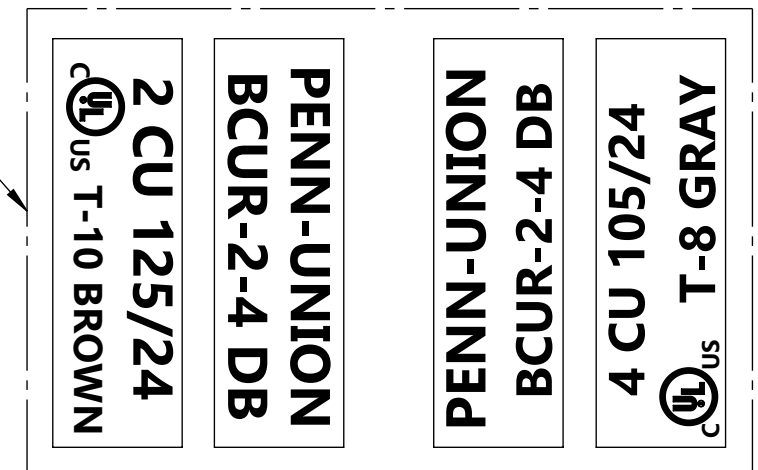


REV.	CATALOG NUMBER	COPPER CONDUCTOR SIZE				DIMENSIONS			APPROX. WEIGHT (LB)
		BARREL A		BARREL B		"A"	"B"	"C"	
		CLASS B & C COPPER CONDUCTOR	DIESEL LOCOMOTIVE CABLE	CLASS B & C COPPER CONDUCTOR	DIESEL LOCOMOTIVE CABLE				
-	BCUR-4-6	4 AWG	105/24	6 AWG	61/24	1.95	.94	.94	0.024
-	BCUR-2-6	2 AWG	125/24	6 AWG	61/24	2.11	.97	.94	0.034
-	BCUR-2-4	2 AWG	125/24	4 AWG	105/24	2.06	.97	.94	0.036
-	BCUR-1/0-6	1/0 AWG	225/24	6 AWG	61/24	2.26	.97	.94	0.047
-	BCUR-1/0-4	1/0 AWG	225/24	4 AWG	105/24	2.21	.97	.94	0.048
-	BCUR-2/0-6	2/0 AWG	275/24	6 AWG	61/24	2.42	1.03	.94	0.054
-	BCUR-2/0-4	2/0 AWG	275/24	4 AWG	105/24	2.36	1.03	.94	0.056
-	BCUR-4/0-6	4/0 AWG	450/24	6 AWG	61/24	2.69	1.09	.94	0.082
-	BCUR-4/0-4	4/0 AWG	450/24	4 AWG	105/24	2.71	1.09	.94	0.087
-	BCUR-4/0-1/0	4/0 AWG	450/24	1/0 AWG	225/24	2.40	1.09	.97	0.091
-	BCUR-4/0-2/0	4/0 AWG	450/24	2/0 AWG	275/24	2.35	1.09	1.03	0.092
-	BCUR-050-030	500 MCM	925/24	300 MCM	550/24	3.33	1.54	1.03	0.317
-	BCUR-075-4/0	750 MCM	1600/24	4/0 AWG	450/24	3.97	1.85	1.09	0.500
-	BCUR-075-035	750 MCM	1600/24	350 MCM	650/24	3.97	1.85	1.36	0.532
-	BCUR-075-050	750 MCM	1600/24	500 MCM	925/24	3.80	1.85	1.36	0.547
-	BCUR-100-4/0	1000 MCM	1924/24	4/0 AWG	450/24	4.71	2.13	1.09	0.801
-	BCUR-100-050	1000 MCM	1925/24	500 MCM	925/24	4.44	2.13	1.54	0.846
-	BCUR-100-075	1000 MCM	1924/24	750 MCM	1600/24	4.55	2.13	1.85	0.936

BCUR-2-4 INK STAMP IS SHOWN FOR REFERENCE ONLY. INK STAMP WILL VARY BY SKU. INK STAMP HIDDEN FROM VIEWS FOR CLARITY.



NOTES:

1. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
2. SEE INSTALLATION SHEET ON SHEET 2 FOR WIRE SIZE AND TOOLING RECOMMENDATIONS
3. TIN-PLATED TO INHIBIT CORROSION
4. RATED FOR COPPER CONDUCTORS ONLY
5. BEVELED ENTRY FOR EASY CABLE INSERTION
6. INSPECTION WINDOW TO ENSURE FULL CABLE INSERTION
7. CONNECTORS ARE SUITABLE FOR VOLTAGES UP TO 35 KV
8. FOR APPLICATIONS GREATER THAN 2000 VOLTS, CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS
9. CONNECTORS ARE cULus LISTED PER UL486A-B FOR POWER APPLICATIONS UP TO 90°C
10. CONNECTORS ARE cULus LISTED FOR GROUNDING, BONDING, AND DIRECT BURIAL APPLICATIONS PER UL467



NO.	ECN	DATE
REVISIONS		

				X	COPPER TUBING
		QTY.	PT.	NAME OR DESCRIPTION	
				PENN CRIMP REDUCING SPLICE for COPPER CONDUCTORS	
		REF. DWG'S:			H:\5H15\BCUR_SERIES_C
		DRAWN BY: DT		DATE: 5/26/2023	CHK'D: QJB
		SCALE: 2:1		INTERPRET PER ASME Y14.5-2009	FILE: 5H15
		SIZE: B	DWG. NO. BCUR SERIES		REV. -
		229 WATERFORD STREET EDINBORO, PA 16412 USA			SHEET 1 OF 2

DWG.
NO.

BCUR SERIES

SHEET 2 OF 2


REV.
-

CATALOG NUMBER	COPPER CONDUCTOR SIZE				CONNECTION INFORMATION						WIRE STRIP LENGTH	MECHANICAL CRIMP TOOL				HYDRAULIC CRIMP TOOLS (SEE NOTES)		
	BARREL A		BARREL B		DIE COLOR CODE		BURNDY DIE INDEX NO.		PENN-UNION DIE CATALOG NO.			BUILDING WIRE CLASS B & C CU CABLE		FLEXIBLE CU CABLE (DLO)		PUC: TPU-12, TPU-18, TPU-6, TPU-1500H, HDT-1000		
	CLASS B & C COPPER CONDUCTOR	DIESEL LOCOMOTIVE CABLE	CLASS B & C COPPER CONDUCTOR	DIESEL LOCOMOTIVE CABLE	BARREL "A"	BARREL "B"	BARREL "A"	BARREL "B"	BARREL "A"	BARREL "B"	BARREL "A"	BARREL "B"	TOOLS: TDM-408, TDM-250, TDM-500, BURNDY MY29-3		TOOLS: TDM-2550XF, BURNDY MY29-11		BURNDY: Y35, Y39, Y46	
												BARREL "A"	BARREL "B"	BARREL "A"	BARREL "B"	BARREL "A"	BARREL "B"	
BCUR-4-6	4 AWG	105/24	6 AWG	61/24	GRAY	BLUE	B-8	B-7	T-8	T-7	1.06	1.06	YES	YES	YES	YES	YES	YES
BCUR-2-6	2 AWG	125/24	6 AWG	61/24	BROWN	BLUE	B-10	B-7	T-10	T-7	1.13	1.06	YES	YES	YES	YES	YES	YES
BCUR-2-4	2 AWG	125/24	4 AWG	105/24	BROWN	GRAY	B-10	B-8	T-10	T-8	1.13	1.06	YES	YES	YES	YES	YES	YES
BCUR-1/0-6	1/0 AWG	225/24	6 AWG	61/24	PINK	BLUE	B-12	B-7	T-12	T-7	1.13	1.06	YES	YES	YES	YES	YES	YES
BCUR-1/0-4	1/0 AWG	225/24	4 AWG	105/24	PINK	GRAY	B-12	B-8	T-12	T-8	1.13	1.06	YES	YES	YES	YES	YES	YES
BCUR-2/0-6	2/0 AWG	275/24	6 AWG	61/24	BLACK	BLUE	B-13	B-7	T-13	T-7	1.19	1.06	YES	YES	YES	YES	YES	YES
BCUR-2/0-4	2/0 AWG	275/24	4 AWG	105/24	BLACK	GRAY	B-13	B-8	T-13	T-8	1.19	1.06	YES	YES	YES	YES	YES	YES
BCUR-4/0-6	4/0 AWG	450/24	6 AWG	61/24	PURPLE	BLUE	B-15	B-7	T-15	T-7	1.25	1.06	YES	YES	YES	YES	YES	YES
BCUR-4/0-4	4/0 AWG	450/24	4 AWG	105/24	PURPLE	GRAY	B-15	B-8	T-15	T-8	1.25	1.06	YES	YES	YES	YES	YES	YES
BCUR-4/0-1/0	4/0 AWG	450/24	1/0 AWG	225/24	PURPLE	PINK	B-15	B-12	T-15	T-12	1.25	1.13	YES	YES	YES	YES	YES	YES
BCUR-4/0-2/0	4/0 AWG	450/24	2/0 AWG	275/24	PURPLE	BLACK	B-15	B-13	T-15	T-13	1.25	1.19	YES	YES	YES	YES	YES	YES
BCUR-050-030	500 MCM	925/24	300 MCM	550/24	BROWN	WHITE	B-20	B-17	T-20	T-17	1.69	1.38	TDM-500 ONLY	TDM-500 ONLY	-	-	*YES	YES
BCUR-075-4/0	750 MCM	1600/24	4/0 AWG	450/24	BLACK	PURPLE	B-24	B-15	T-24	T-15	2.00	1.25	-	TDM-500 ONLY	-	-	*YES	*YES
BCUR-075-035	750 MCM	1600/24	350 MCM	650/24	BLACK	RED	B-24	B-18	T-24	T-18	2.00	1.50	-	TDM-500 ONLY	-	-	*YES	YES
BCUR-075-050	750 MCM	1600/24	500 MCM	925/24	BLACK	BROWN	B-24	B-20	T-24	T-20	2.00	1.69	-	YES	-	YES	*YES	YES
BCUR-100-4/0	1000 MCM	1924/24	4/0 AWG	450/24	WHITE	PURPLE	B-27	B-15	T-27P	T-15	2.25	1.25	-	TDM-500 ONLY	-	-	*YES	*YES
BCUR-100-050	1000 MCM	1925/24	500 MCM	925/24	WHITE	BROWN	B-27	B-20	T-27P	T-20	2.25	1.69	-	-	-	-	*YES	*YES
BCUR-100-075	1000 MCM	1924/24	750 MCM	1600/24	WHITE	BLACK	B-27	B-24	T-27P	T-24	2.25	2.00	-	YES	-	YES	*YES	YES

*REVIEW ACCEPTABLE CONDUCTOR RANGE FOR EACH TOOL AND CONNECTOR COMBINATION. COPPER CONDUCTOR RANGES FOR HYDRAULIC TOOLS ARE SHOWN BELOW:

1. TPU-12 INCLUDES TPU-12B, TPU-12BH (8 AWG - 400 MCM)
TPU-12B42H, TPU-42B, TPU-12B42 (8 AWG - 750 MCM)
2. TPU-18 INCLUDES TPU-18B, TPU-18BH (8 AWG - 1,000 MCM)
3. TPU-6 INCLUDES TPU-6H, TPU-6B (8 AWG - 400 MCM)
TPU-6FT, TPU-6FTH, TPU-6FTB (8 AWG - 750 MCM)
4. Y35 INCLUDES Y35, Y35-2, Y35BH, Y35BH-4, Y35L, Y35L-1 (8 AWG - 400 MCM)
5. Y39 INCLUDES Y39, Y39BH (8 AWG - 1,000 MCM)
6. Y46 INCLUDES Y46, Y46C (8 AWG - 1,000 MCM)

NO.	ECN	DATE
REVISIONS		

		X	COPPER TUBING	
QTY.	PT.	NAME OR DESCRIPTION		
		PENN CRIMP REDUCING SPLICE for COPPER CONDUCTORS		
REF. DWG'S:		H:\5H15\BCUR_SERIES_C		
DRAWN BY: DT		DATE: 5/26/2023	CHK'D: QJB	
SCALE: 2:1		INTERPRET PER ASME Y14.5-2009	FILE: 5H15	
SIZE: B		DWG. NO. BCUR SERIES SHEET 2 OF 2		REV. -
 229 WATERFORD STREET EDINBORO, PA 16412 USA				