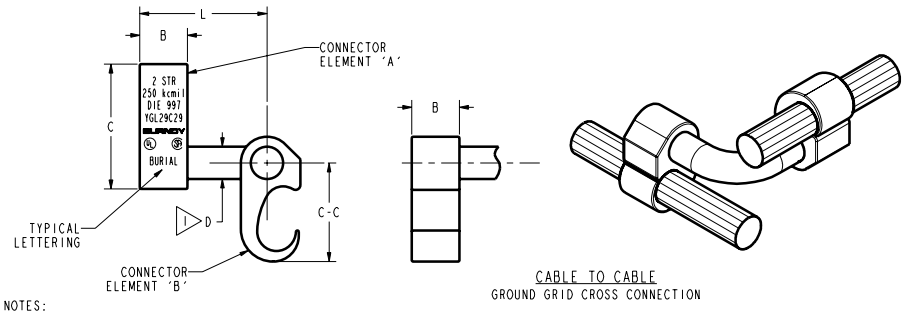
DRAWING NO.
SD082258-01

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	7/20/2009 12:00:00 AM	RELEASED TO PROD	18619	AD	MA

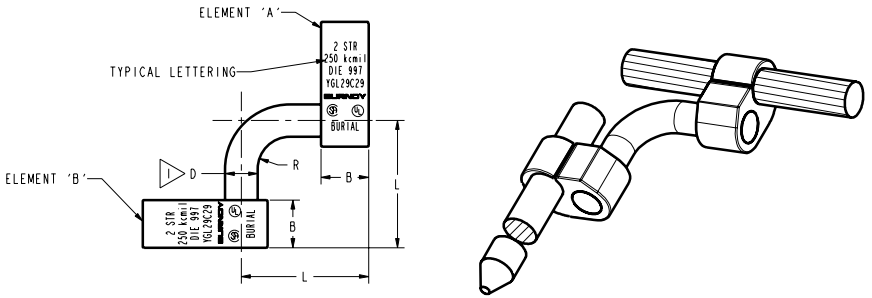
CATALOG NUMBER	CABLE TO CABLE COMMERCIAL COPPER CONDUCTOR RANGE		CABLE TO GROUND ROD COMMERCIAL COPPER CONDUCTOR RANGE		B	C	C-C	D	L	R
	GROOVE 'A' (ELEMENT 'A')	GROOVE 'B' (ELEMENT 'B')	GROOVE 'A' (ELEMENT 'A')	GROOVE 'B' (ELEMENT 'B')						
YGL2C2	#6 SOL. (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]	#6 SOL (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]	-----		.75 [19.1]	1.09 [27.7]	1.09 [27.7]	.31 [8.0]	2.50 [63.5]	.31 [8.0]
YGL29C2	#1 STR. (.332 DIA.) - 250 kcmil (.575 DIA.) [40mm²(Ø8.4mm) - 120mm² (Ø14.4mm)]		ROD 1/2" - 5/8" [12.7 -15.9]	#6 SOL (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]		1.66 [42.2]				
YGL29C29	#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]	#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]		#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]			1.66 [42.2]	.50 [12.7]		.50 [12.7]
YGL34C2	250 kcmil (.575 DIA.) - 500 kcmil (.813 DIA.) [120mm² (Ø14.4mm) - 240mm² (Ø20.4mm)]	#6 SOL (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]	ROD 5/8" - 3/4" [15.9 - 19.1]	#6 SOL (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]		2.09 [53.1]	1.09 [27.7]	.31 [8.0]		.31 [8.0]
YGL34C29		#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]		#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]			1.66 [42.2]	.50 [12.7]		.50 [12.7]
YGL34C34		250 kcmil (.575 DIA.) - 500 kcmil (.813 DIA.) [120mm² (Ø14.4mm) - 240mm² (Ø20.4mm)]		250 kcmil (.575 DIA.) - 500 kcmil (.813 DIA.) [120mm² (Ø14.4mm) - 240mm² (Ø20.4mm)]	1.10 [27.9]	2.28 [57.9]	2.28 [57.9]	.75 [19.1]	2.94 [74.7]	.75 [19.1]

CATALOG NO.	INSTALLATION TOOLS, DIE SET CAT. NO. (NUMBER OF CRIMPS)					
	Y35 HUPRESS™		Y45 HUPRESS™		Y46 HUPRESS™	
	ELEMENT "A"	ELEMENT "B"	ELEMENT "A"	ELEMENT "B"	ELEMENT "A"	ELEMENT "B"
YGL2C2	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)
YGL29C2	U997 (1)	U-0 (1)	U997 (1)	U-0 (1)	U997 (1)	U-0 (1)
YGL29C29	U997 (1)	U997 (1)	U997 (1)	U997 (1)	U997 (1)	U997 (1)
YGL34C2	----	U-0 (1)	S998 OR PU998 (1)	U-0 (1)	P998 OR PU998 (1)	U-0 (1)
YGL34C29	----	U997 (1)	S998 OR PU998 (1)	U997 (1)	P998 OR PU998 (1)	U997 (1)
YGL34C34	----	----	S1011 (2)	S1011 (3)	P1011 (3)	P1011 (3)

CATALOG NO.	CABLE TO REBAR 7	
	ELEMENT "A"	ELEMENT "B"
YGL2C2	-----	-----
YGL29C2	ROD 3/8" - 1/2" [9.5 - 12.7] #3 - #4 REBAR	#6 SOL. (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]
YGL29C29		#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]
YGL34C2	ROD 5/8" - 3/4" [15.9 - 19.1] #5 - #6 REBAR	#6 SOL (.162 DIA.) - #2 STR. (.292 DIA.) [10mm²(Ø4.1mm) - 35mm² (Ø7.6mm)]
YGL34C29		#2 STR. (.292 DIA.) - 250 kcmil (.575 DIA.) [35mm²(Ø7.6mm) - 120mm² (Ø14.4mm)]
YGL34C34		250 kcmil (.575 DIA.) - 500 kcmil (.813 DIA.) [120mm² (Ø14.4mm) - 240mm² (Ø20.4mm)]



CABLE TO CABLE
GROUND GRID CROSS CONNECTION



CABLE TO REBAR
OR GROUND ROD CONNECTION

NOTES:

1. BEFORE CRIMPING BOTH CONNECTOR ELEMENTS CAN BE TURNED ON ROD DIAMENTED "D" TO ANY DESIRED POSITION.
2. GROOVES ARE FILLED WITH PENETROX™ "E".
3. FOR BETTER TORQUE STRENGTH ON GROUND ROD, PER CRIMP CROUND ROD WITH U2CAB DIE (DIE INDEX 348).
4. SUITABLE FOR DIRECT BURIAL IN EARTH OR CONCRETE.
5. WHERE A "U" OR "PU" DIE IS RECOMMENDED WITH THE Y45 HYPRESS™, A PT6515 ADAPTER MUST BE USED.
6. WHERE A "U" OR "PU" DIE IS RECOMMENDED WITH THE Y46 HYPRESS™, A PUADP-1 ADAPTER MUST BE USED.
7. CLEAN RUST AND PROTECTIVE COATINGS FROM REBAR BEFORE CONNECTOR INSTALLATION TO PROVIDE A PROPER GROUND CONNECTION, PER-CRIMPING IS NOT REQUIRED.
8. DIMENSIONS IN [ ] BRACKETS ARE IN MILIMETTERS, ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED. METRIC DIMENSIONS ARE FOR REFERENCE ONLY.
9. MATERIAL: HIGH CONDUCTIVITY WROUGHT COPPER.

TO ORDER BURNDY® PRODUCTS CALL
UNITED STATES
1-800-346-4175 (LONDONDERRY, NH)
CANADA:
1-800-361-6975 (QUEBEC)
1-800-387-6487 (ALL OTHER PROVINCES)
FOR PRODUCT INFO: http://www.burndy.com

COMPRESSION GROUND CONNECTOR

ITEM NO:	N/A		
CAT. NO:	YGL-C- (TABLE)		
DRAWN BY:	C.RACANO	10/31/78	BURNDY
CHECKER:	C.A.R.	10/31/78	
DSN APPVL:	J.HUS	06/08/79	
MFG APPVL:	--	--	
QA APPVL:	--	--	
MAT APPVL:	--	--	SCALE: NTS
PROD FAM:	--		DRAWING NO / REV
PROJECT #:	--	SIZE	SD082258-01 / A
DOCUMENT TYPE:	Sales	D	
REL LEVEL:	Released		SHEET 1 OF 1

REV: PE0200