



2 STR
250 kmil
DIE 997

BURIAL

B

R

R

GROUND ROD TO GRID
CONNECTION

— ELEMENT 'A'

— ELEMENT 'B'

- DIA. (SEE TABLE)
GROUND ROD

REV.	DATE	DESCRIPTION	BY	C.K'D.
4	07-31-92	1. REDRAWN TO CAD	DGF	KLH
5	04-13-93	ADDED CAT. NO. Y6LR29C100 AND NOTE (PER (CO 52607)	RSP	JLM
6	08-19-93	CHANGED DIE S1011 TO S1012. REMOVED U997 DIE FOR 135/139 ON CAT. # Y6LR29C100 (PER (CO 1407).	MDD	JLM
7	9-21-93	ADDED METRIC ROD SIZES PER PCN 1436	RER	KW
8	06-JAN-95	ADDED REBAR RECOMMENDATIONS (PCN 2152)	NSP	JLM
9	8/25/97	CHANGED NOTE 5, UPDATED FORMAT, ADDED TRADEMARK WHERE APPLICABLE PER PCN (3307).	KRB	PL
10	12/9-99	REMOVED FLAG & TEXT NOTE #10. (PER ECO 5307)	PL	BM

PRECRIMP DIE CHART 

GROUND ROD DIA.	PRECRIMP DIES	
1/2" [12.7]	UPRECRIMP 12	U2CABT
5/8" [15.8]	UPRECRIMP 58	
3/4" [19.1]	UPRECRIMP 34	

CATALOG NUMBER	COMMERCIAL COPPER CABLE RANGE ELEMENT 'A'	METRIC COPPER CABLE RANGE ELEMENT 'A'	COPPER WELD CABLE RANGE ELEMENT 'A'	GROUND ROD DIA. ELEMENT 'B'	B	B-B	D	L	INSTALLATION TOOLS, DIE SET CAT. NO (NUMBER OF CRIMPS)									
									Y35/Y39 HYPRESS™		Y750 HYPRESS™		Y45 HYPRESS™		Y46 HYPRESS™			
									ELEMENT 'A'	ELEMENT 'B'	ELEMENT 'A'	ELEMENT 'B'	ELEMENT 'A'	ELEMENT 'B'	ELEMENT 'A'	ELEMENT 'B'		
YGLR29C12	#2 STR (.292 DIA) THRU 250 kcmil (.575 DIA)	35mm ² (7.6mm DIA) THRU 120mm ² (14.4mm DIA)	91.65 kcmil (.343 DIA) THRU 248.8 kcmil (.572 DIA)	1/2" [12.7] #3 - #4 REBAR	.75 [19.1]	.88 [22.4]	.313 [7.9]	2.53 [64.3]	U997 (1)	PU998 (1)	U997 (1)	U1011 (2) OR PU998 (1)	U997 (1)	S1012 (2) OR PU998 (1)	U997 (1)	P1011 (2) OR PU998 (1)		
YGLR34C12	250 kcmil (.575 DIA) THRU 500 kcmil (.813 DIA)	120mm ² (14.4mm DIA) THRU 240mm ² (20.4mm DIA)	248.8 kcmil (.572 DIA) THRU 498.8 kcmil (.810 DIA)						U1011 (2) OR PU998 (1)		S998 OR PU998 (1)				P998 OR PU998 (1)			
YGLR29C58	#2 STR (.292 DIA) THRU 250 kcmil (.575 DIA)	35mm ² (7.6mm DIA) THRU 120mm ² (14.4mm DIA)	91.65 kcmil (.343 DIA) THRU 248.8 kcmil (.572 DIA)	5/8" [15.9] #5 - #6 REBAR					U997 (1)		U997 (1)				U997 (1)			
YGLR34C58	250 kcmil (.575 DIA) THRU 500 kcmil (.813 DIA)	120mm ² (14.4mm DIA) THRU 240mm ² (20.4mm DIA)	248.8 kcmil (.572 DIA) THRU 498.8 kcmil (.810 DIA)						U1011 (2) OR PU998 (1)		S998 OR PU998 (1)				P998 OR PU998 (1)			
YGLR29C34	#2 STR (.292 DIA) THRU 250 kcmil (.575 DIA)	35mm ² (7.6mm DIA) THRU 120mm ² (14.4mm DIA)	91.65 kcmil (.343 DIA) THRU 248.8 kcmil (.572 DIA)	3/4" [19.1] #5 - #6 REBAR			.500 [12.7]	2.63 [66.8]	U997 (1)		U997 (1)				U997 (1)		U997 (1)	
YGLR34C34	250 kcmil (.575 DIA) THRU 500 kcmil (.813 DIA)	120mm ² (14.4mm DIA) THRU 240mm ² (20.4mm DIA)	248.8 kcmil (.572 DIA) THRU 498.8 kcmil (.810 DIA)						U1011 (2) OR PU998 (1)		S998 OR PU998 (1)				P998 OR PU998 (1)			
YGLR29C100	#2 STR (.292 DIA) THRU 250 kcmil (.575 DIA)	35mm ² (7.6mm DIA) THRU 120mm ² (14.4mm DIA)	91.65 kcmil (.343 DIA) THRU 248.8 kcmil (.572 DIA)	1" [25.4] #6 - #7 REBAR											U997 (1)		U997 (1)	U997 (1)
YGLR34C100	250 kcmil (.575 DIA) THRU 500 kcmil (.813 DIA)	120mm ² (14.4mm DIA) THRU 240mm ² (20.4mm DIA)	248.8 kcmil (.572 DIA) THRU 498.8 kcmil (.810 DIA)	1" [25.4] #6 - #7 REBAR											U1011 (2) OR PU998 (1)		S998 OR PU998 (1)	P998 OR PU998 (1)

NOTES:

1. BEFORE CRIMPING, BOTH CONNECTOR ELEMENTS CAN BE TURNED ON ROD DIAMETER 'D' TO ANY DESIRED POSITION.
2. GROOVES ARE FILLED WITH PENETROX.®
3. SUITABLE FOR DIRECT BURIAL IN EARTH OR CONCRETE.
4. THE CATALOG NUMBERS SHOWN ARE FOR UNPLATED COPPER CONNECTORS FOR USE ON COPPER CLAD OR STAINLESS STEEL GROUND ROD. TO ORDER ELECTRO-TIN PLATED CONNECTORS FOR USE ON GALVANIZED STEEL GROUND ROD ADD SUFFIX "TN" TO THE CATALOG NUMBER, ONLY THE FIGURE 8 CONNECTOR (ELEMENT 'B') IS TIN PLATED, THE FIGURE 6 CONNECTOR (ELEMENT 'A') IS UNPLATED. NOTE: THE GROUND ROD HOLE DIAMETER IS LARGER FOR GALVANIZED STEEL GROUND ROD IN THE TIN PLATED CONNECTOR.
5. WHEN ATTACHING YGLR TYPE CONNECTORS TO GROUND ROD, GROUND ROD MUST BE EMBOSSED WITH APPROPRIATE PRECRIMP DIE. (SEE TABLE IN UPPER RIGHT-HAND CORNER). FOR CONNECTIONS THAT MUST MEET IEEE 837 REQUIREMENTS UPRECRIMP-TYPE PRECRIMP DIES MUST BE USED FOR MAXIMUM CLAMPING RETENTION.

6. WHERE A 'U' OR 'PU' DIE IS RECOMMENDED WITH THE Y45 HYPRESS,TM A PT6515 ADAPTER MUST BE USED.
7. WHERE A 'U' OR 'PU' DIE IS RECOMMENDED WITH THE Y46 HYPRESS,TM A PUADP-1 ADAPTER MUST BE USED.
8. DIMENSIONS IN BRACKET [] ARE IN MILLIMETERS.
9. ONLY DIE "1011" APPEARS ON ELEMENT "B" OF THE CONNECTOR.
10. REMOVED PER ECO 5307.

MATERIAL: HIGH CONDUCTIVITY
WROUGHT COPPER

GROUND ROD CONNECTOR			
CAT NO: YGLR--C--		(TABLE)	SCALE N/A
DRAWN: C RACANO 03-26-84		CHECKED: AJM 05-23-84	
DSGN APPVL: ESR 05-23-84		MFG APPVL: N/A	
Q.A. APPVL: N/A		MKTG APPVL: N/A	
CAD FILE: S089219-01_10		PM REF: N/A	
FRAMATOME CONNECTORS USA INC. BURNBY ELECTRICAL		M/L REF: N/A	
 MANCHESTER, NH 03108 U. S. A. 1-800-346-4175		PROJECT: DO S0337	
		DRAWING NO.	REV
		S089219	1
		SHEET 1	OF 1