



**CITY OF AZTEC  
REQUEST FOR QUOTATION  
RFQ #2020-713**

DATE:	08/01/19	RETURN TO:  CITY OF AZTEC ATTN: Electric Department 201 W CHACO, AZTEC NM 87410  EMAIL: <a href="mailto:graymond@aztecnm.gov">graymond@aztecnm.gov</a>  PHONE: (505) 334-7667 FAX: (505) 334-7684	<b>THIS IS NOT AN ORDER</b>
RFQ #:	2020-713		
DUE DATE:	<b>08/12/19</b>		
TIME:	<b>10:00 am</b>		
NIGP CODE(S):	<b>28500</b>		

NAME OF COMPANY SUBMITTING QUOTE: \_\_\_\_\_

NEW MEXICO RESIDENT PREFERENCE	PAYMENT TERMS	DELIVERY/SERVICE ADDRESS
# _____  <u>New Mexico Resident or Veteran Preference will be applied to only those certified vendors who have included both number (written above) AND attach current certificate.</u>	_____ % _____ DAYS  NET 30 DAYS AFTER RECEIPT OF INVOICE	402 South Light Plant Road Aztec NM 87410
		<b>FOB DESTINATION – FREIGHT COSTS:</b>

**NOTES TO BIDDERS:** Specifications provided on all items, equivalents will NOT be accepted for Elastimold parts. If quoting equivalent for the 3phase cabinet and/or Nordic Ground Sleeve please include specification sheets.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL	DELIVERY TIME AFTER ORDER
1	Primary 3-way Junction Elastimold#164J3-5	30	EA			
2	Primary 4-way Junction Elastimold#164J4-5	30	EA			
3	1/0 15Kv Splice Elastimold#15PCJ1-W1X	10	EA			
4	15Kv Primary Bushing Cap Elastimold#160DRG	30	EA			
5	3PH Mod Cabinet/GRD Sleeve Barfield#BGSSE226630TP w/Sleeve Molton#MEH306723	10	EA			
6	Nordic Sleeve Ground GS-61-18-30 54 x 11	10	EA			

Refer all questions regarding this Request for Quotation to Geri Raymond at (505) 334-7667 or email [graymond@aztecnm.gov](mailto:graymond@aztecnm.gov)

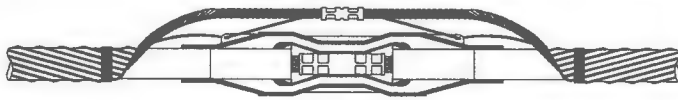
DATE OF QUOTE	
SUBMITTED BY (Printed Name)	
SIGNATURE (To be valid offer, bidder must sign here)	
COMPANY NAME	
ADDRESS	
TELEPHONE	
FAX	
EMAIL ADDRESS	
FED TAX ID NUMBER	
NM CRS ID NUMBER	

- RFQ shall be FOB Destination and must indicate normal lead time and/or best delivery date on the items listed. Shipping costs shall be included in quote. New Mexico laws prohibit acceptance of ownership of goods in transit.
- This RFQ and any required documents must be received by the Department indicated on the RFQ by the date and time indicated. RFQ's may be submitted via email, fax or USPS.
- All supplies and components quoted shall be new unless indicated otherwise. Any quotes submitted for used or reconditioned supplies or components will be considered non-responsive. Quotes must be valid for a minimum of 30 days.
- The RFQ Number shall appear on all quotations and related correspondence.
- New Mexico Resident & Veteran Vendor Preference: Preference will only be applied to those Bidders who have been issued a certification number from the State of New Mexico Taxation & Revenue Department and return a copy of their certificate with their quote. Veterans Preference is separate from the New Mexico resident preference and is not cumulative with that preference.
- Use of Contract by Other Agencies: Pursuant to Section 13-1-129, NMSA 1978, Bidders /Contractors /Offerors are hereby notified that any central purchasing office allowed by law and as otherwise allowed by their respective governing rules and regulations, may contract for the goods and/or services included in this procurement document with the awarded Bidder /Contractor /Offeror. Contractual engagements accomplished under this provision shall be solely between the Bidder /Contractor /Offeror and the contracting entity with no obligation by the City of Aztec.
- By law (Section 13-1-191, NMSA, 1978) the City is required to inform Vendors of the following: (1) it is a third-degree felony under New Mexico law to commit the offense of bribery of a public officer or public employee (Section 30-24-1, NMSA, 1978); (2) it is a third- degree felony to commit the offense of demanding or receiving a bribe by a public officer or public employee (Section 30-24-2, NMSA, 1978); (3) it is a fourth-degree felony to commit the offense of soliciting or receiving illegal kickbacks (Section 30-41-1, NMSA, 1978); (4) it is a fourth-degree felony to commit the offense of offering or paying illegal kickbacks (Section 30-41-2, NMSA, 1978).
- Conflict of Interest: Bidder warrants that it presently has no interest and will not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of service under this contract. Bidder must notify the City's Chief Procurement Officer if any employee(s) of the requesting department or the Purchasing Office have a financial interest in the Bidder. If yes, the Bidder must specify the employee(s) name in their proposal.
- Debarment, Suspension, and Ineligibility: By submitting a response (RFQ/Bid/Offer) to this solicitation, the business (Bidder /Offeror /Contractor) represents and warrants that it is not debarred, suspended, or placed in ineligibility under the provisions of Federal Executive Order 12549.

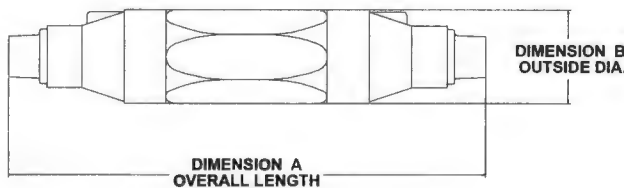
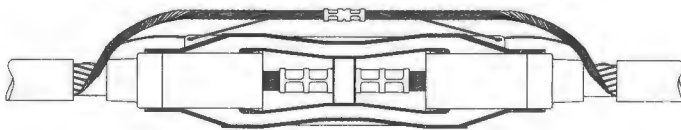
Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Part Number	Notes
	<b>Contacts:</b> Long Bi-Metal ELR Bi-Metal Copper LRT Contact RLR Contact	ALL 15/25kV ALL 15kV 15/25kV	Use Table X1 <b>02500X</b> <b>02509X</b> <b>02702X</b> <b>02800X</b> <b>00400X</b>	N1 N2 N3
	Elbow Probe	15kV 25kV 35kV	<b>166LRF</b> <b>274LRF</b> <b>375LRF</b>	
	Elbow Cable Entrance Insulating Plug	ALL	<b>10EPW</b> Use Table W6	
	Cable Size Adapter	15kV	<b>160CA-W</b> Use Table W6 EB-FA Only	N4
	Direct Voltage Test Meter Adapter for:	ALL		
	HD Electric Meters		<b>200TC-1</b>	N14
	Ross Meters		<b>200TC-2</b>	N14
	Chance Meters		<b>200TC-4</b>	N14
	2-Way Well Junction w/ s.s. Bracket	15/25kV	<b>K1601WJ2</b>	N6
	2-Way Well Junction w/ "U" Straps	15/25kV	<b>K1601WJ2-5</b>	N5, 6, 11
	3-Way Well Junction w/ s.s. Bracket	15/25kV	<b>K1601WJ3</b>	N6
	3-Way Well Junction w/ "U" Straps	15/25kV	<b>K1601WJ3-5</b>	N5, 6, 12
	4-Way Well Junction w/ s.s. Bracket	15/25kV	<b>K1601WJ4</b>	N6
	4-Way Well Junction w/ "U" Straps	15/25kV	<b>K1601WJ4-5</b>	N5, 6, 13
	2-Point Junction with stainless steel bracket	15kV 25kV 35kV	<b>164J2</b> <b>274J2</b> <b>373J2</b>	N7 N7 N7
	2-Point Junction w/"U"-straps	15kV	<b>164J2-5</b>	N5, 8
		25kV 35kV	<b>274J2-5</b> <b>373J2-5</b>	N5, 11 N5, 11
	3-Point Junction with stainless steel bracket	15kV 25kV 35kV	<b>164J3</b> <b>274J3</b> <b>373J3</b>	N7 N7 N7
	3-Point Junction w/"U"-straps	15kV	<b>164J3-5</b>	N5, 9 ←
		25kV	<b>274J3-5</b>	N5, 12
35kV		<b>373J3-5</b>	N5, 12	
	4-Point Junction with stainless steel bracket	15kV 25kV 35kV	<b>164J4</b> <b>274J4</b> <b>373J4</b>	N7 N7 N7
	4-Point Junction w/"U"-straps	15kV	<b>164J4-5</b>	N5, 10 ←
		25kV	<b>274J4-5</b>	N5, 13
35kV		<b>373J4-5</b>	N5, 13	

- N1. Repair elbow has extended length contact and elbow housing resulting in a net gain of 3/4" in length.
- N2. Copper lug for use on COPPER CONDUCTOR ONLY.
- N3. Replacement elbow has extended length contact and elbow housing resulting in a net gain of 8/8" in length.
- N4. 160CA Cable Size Adapter can only be used with elbow part numbers 165LR/166LR C size only.
- N5. Also available as rubber only, without straps. Specify suffix "-4" in place of "-5" in the part number.
- N6. Supplied with replaceable stud. Replacement stud available separately. Specify 1000-150.
- N7. Hardware packages, consisting of brackets & straps only, may be ordered separately by specifying "-6" in the part number. Example 164J4-6
- N8. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 1601US-J2.
- N9. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 1601US-J3.
- N10. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 1601US-J4.
- N11. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 271-68.
- N12. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 271-61.
- N13. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying 271-70.
- N14. For use with Direct Test Connectors.

**PCJ Style 1**  
with single-piece housing

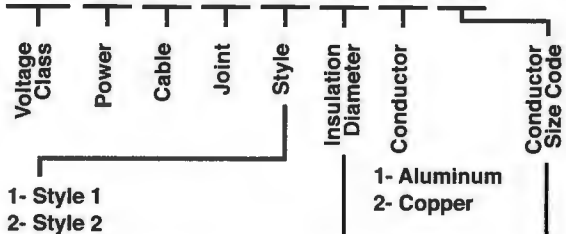


**PCJ Style 2**  
with universal housing and separate cable adapters  
that can be varied with the cable application.



### ORDERING INFORMATION

**15 P C J 1 W 1 X**



### W SIZING INFORMATION AND SELECTION

Use Table W8 for 15PCJ

Use Table W9 for 25PCJ

Use Table W10 for 35PCJ

### X SIZING INFORMATION AND SELECTION

Use Table X7 for 15PCJ, 25PCJ and 35PCJ

Separable Connectors  
200A Loadbreak

### DIMENSIONAL DATA

STYLE 1 PART NUMBER	A	B
	inches	inches
15PCJ1FX	10 1/4"	1 3/4"
15PCJ1GX	10 1/4"	1 3/4"
25PCJ1GX	14 3/8"	2 7/16"
15/25/35PCJ1HX	14 3/8"	2 7/16"
15/25/35PCJ1JX	14 3/8"	2 7/16"
15/25/35PCJ1KX	14 3/8"	2 25/32"
15/25/35PCJ1LX	14 3/8"	2 25/32"
15/25PCJ1LMX	14 3/8"	2 25/32"
15/25/35PCJ1MX	14 3/8"	2 25/32"
15/25/35PCJ1NX	15 3/4"	3 3/16"
15/25/35PCJ1PX	15 3/4"	3 3/16"
15/25/35PCJ1QX	15 3/4"	3 3/16"

STYLE 2 PART NUMBER	A	B
	inches	inches
15PCJ2FX	16 3/8"	2 25/32"
15/25PCJ2GX	16 3/8"	2 25/32"
15/25/35PCJ2HX	16 3/8"	2 25/32"
15/25/35PCJ2JX	16 3/8"	2 25/32"
15/25/35PCJ2KX	21"	3 3/4"
15/25/35PCJ2LX	21"	3 3/4"
15/25/35PCJ2MX	21"	3 3/4"
15/25/35PCJ2NX	21"	3 3/4"
15/25/35PCJ2PX	21"	3 3/4"
15/25/35PCJ2QX	21"	3 3/4"

Description	Voltage Class	ELASTIMOLD Part Number	Notes
Power Cable Joint  Style 1	15kV	15PCJ1W1X	N1 ←
	15kV	15PCJ1W2X	N2
	25kV	25PCJ1W1X	N1
	25kV	25PCJ1W2X	N2
	35kV	35PCJ1W1X	N1
	35kV	35PCJ1W2X	N2
Power Cable Joint  Style 2	15kV	15PCJ2W1X	N1
	15kV	15PCJ2W2X	N2
	25kV	25PCJ2W1X	N1
	25kV	25PCJ2W2X	N2
	35kV	35PCJ2W1X	N1
	35kV	35PCJ2W2X	N2

- N1. Kit includes aluminum compression connector suitable for splicing aluminum conductor to aluminum conductor or aluminum conductor to copper conductor. An all-copper connector is required for copper to copper connections.
- N2. Kit includes copper compression connector suitable for splicing copper conductors to copper conductor only. DO NOT use copper connectors on aluminum conductors.

Refer to the W and X tables on pages 38 and 39 for sizing to cable insulation diameter and conductor size.

For cable shield adapters and jacket seals, see page 28.

Table W1 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
151SP/SR	.575	.740	A
151LS/LY	.635	.905	B
165/166LR	.805	1.060	C
165/166LRJS	.890	1.220	D

Table W2 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
273RLR	.760	.950	G
274RLR	.850	1.050	H
	.980	1.180	J
	1.090	1.310	K

Table W3 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
375RLR	.850	1.050	H
376RLR	.980	1.180	J
	1.090	1.310	K
	1.235	1.465	L

Table W4 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
156LR	.640	.820	F
167/168RLR	.760	.950	G
167LRT	.850	1.050	H
	.980	1.180	J
	1.090	1.310	K

Table W5 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
167/168ELR	.665	.895	6689
273/274ELR	.740	.950	7495
	.880	1.100	88110
	1.090	1.310	K

Table W6 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
10EP	.495	.585	EB
152EA	.525	.635	EF
160CA* (*EB-FA Only)	.575	.685	FA
	.625	.735	FAB
	.675	.785	FB
	.725	.835	FG
	.775	.885	GA
	.825	.935	GAB
	.875	.985	GB

Table W7 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
K656I/CY/CH	.640	.820	F
K655/656LR	.760	.950	G
K655/656SR	.850	1.050	H
655/656LINK	.980	1.180	J
655/656ETP	1.090	1.310	K
K655/656ETP	1.180	1.465	L
655/656RTP	1.180	1.465	L
K655/656LRTP	1.280	1.430	LM
655/656BI-LINK	1.280	1.430	LM
K655/656BI-LINK	1.370	1.630	M
655CA/CK/TCK	1.515	1.780	N
	1.725	1.935	P

Table W8 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
15PCJ-1	.640	.820	F
15PCJ-2	.760	.950	G
	.850	1.050	H
	.980	1.180	J
	1.090	1.310	K
	1.180	1.465	L
	1.280	1.430	LM
	1.370	1.630	M
	1.515	1.780	N
	1.725	1.935	P
	1.900	2.120	Q

Table W9 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
25PCJ-1	.760	.950	G
25PCJ-2	.850	1.050	H
755/756LR	.980	1.180	J
755/756LINK	1.090	1.310	K
755/756ETP	1.180	1.465	L
755/756LRTP	1.280	1.430	LM
755/756BI-LINK	1.370	1.630	M
755CA/CK/TCK	1.515	1.780	N
	1.725	1.935	P
	1.900	2.120	Q

Table W10 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
35PCJ-1	.850	1.050	H
35PCJ-2	.980	1.180	J
	1.090	1.310	K
	1.180	1.465	L
	1.280	1.430	LM
	1.370	1.630	M
	1.515	1.780	N
	1.725	1.935	P
	1.900	2.120	Q

Table W11 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
35MSC	.495	.585	EB
35MSCI	.525	.635	EF
	.575	.685	FA
	.625	.735	FAB
	.675	.785	FB
	.725	.835	FG
	.775	.885	GA
	.825	.935	GAB
	.875	.985	GB
	.930	1.040	GH
	.980	1.115	HA
	1.040	1.175	HAB
	1.095	1.240	HB
	1.160	1.305	HJ
	1.220	1.375	JA
	1.285	1.395	JAB
	1.355	1.520	JB
	1.485	1.595	KA
	1.530	1.640	KAB
	1.575	1.685	KB
	1.665	1.785	PA
	1.755	1.875	PB

Table W12 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
16THG	.495	.585	EB
16THGS	.525	.635	EF
16THGH	.575	.685	FA
	.625	.735	FAB
	.675	.785	FB
	.725	.835	FG
	.775	.885	GA
	.825	.935	GAB
	.875	.985	GB
	.930	1.040	GH
	.980	1.115	HA

Table W16 USE FOR FOLLOWING PRODUCTS	Cable Insulation Diameter in Inches		Symbol for W
	MIN.	MAX.	
275/276LR	.635	.905	B
275/276LRJS	.800	1.060	CC
	.940	1.170	DD
	1.090	1.310	E

Please see page 26 for Table W13 and page 29 for Tables W14 and W15.

**Table X1**  
USE FOR FOLLOWING PRODUCTS  
167/168ELR  
273/274ELR  
156LR  
165/166LR  
275/276LR  
167LRT  
167/168RLR  
273/274RLR  
00400  
02500  
02509  
02702  
02800  
K151SP/SR  
K151LS/LY

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#4	200	190
#3	210	200
#2	220	210
#1	230	220
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260
250	-	270

**Table X2**  
USE FOR FOLLOWING PRODUCTS  
375/376LR

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260

**Table X3**  
USE FOR FOLLOWING PRODUCTS  
35MTG

NOTE: SEE PAGE 24 FOR DETAILED APPLICATION INFORMATION

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#6	5	-
#5	4	5
#4	3	4
#3	2	3
#2	1	2
#1	0	1
1/0	10	0
2/0	20	10
3/0	30	20
4/0	40	30
250	250	40
300	300	250
350	350	300
400	400	350
450	450	-
500	500	400
550	550	450
600	600	500
650	650	550
700	750	600
750	750	650
800	800	750
900	900	800
1000	1000	900

**Table X3A**  
USE FOR FOLLOWING PRODUCTS  
35MTG

NOTE: SEE PAGE 24 FOR DETAILED APPLICATION INFORMATION

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
400	400	-
450	450	400
500	500	450
550	550	500
600	600	550
650-700	650	550
750	750	600
800	750	650
1000	1000	-

**Table X4**  
USE FOR FOLLOWING PRODUCTS  
16THGS  
16CAS

Riser Conductor Size, AWG Solid	Symbol for X
#2	2
#1	2
1/0	10
2/0	20
3/0	30
4/0	30

**Table X6**  
USE FOR FOLLOWING PRODUCTS  
655/656LRTP  
K655/656LRTP  
755/756LRTP  
K656I/Y/H  
K655/656LR  
755/756LR  
K655/656SR  
655/656LINK  
K655/656LINK  
755/756LINK  
655/656ETP  
K655/656ETP  
755/756ETP  
655/656BI-LINK  
K655/656BI-LINK  
755BI-LINK  
655CK  
755CK  
655TCK  
03600  
03602  
03700  
03702

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#2	220	210
#1	230	220
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260
250	280	270
300	290	280
350	300	290
400	310	300
450	320	310
500	330	320
550	340	320
600	350	330
650	360	340
700	380	350
750	380	360
800	390	360
900	400	380
1000	410	400
1250	440	420

**Table X7**  
USE FOR FOLLOWING PRODUCTS  
15PCJ1  
25PCJ1  
35PCJ1  
15PCJ2  
25PCJ2  
35PCJ2

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#6	180	-
#5	190	180
#4	200	190
#3	210	200
#2	220	210
#1	230	220
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260
250	280	270
300	290	280
350	300	290
400	310	300
450	320	310
500	330	310
550	340	320
600	350	330
650	360	340
700	380	350
750	380	360
800	390	380
900	400	380
1000	410	400
1250	440	420

**Table X8**  
USE FOR FOLLOWING PRODUCTS  
16THG  
16TCA

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#6	180	-
#5	190	180
#4	200	190
#3	210	200
#2	220	210
#1	230	220
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260

**Table X9**  
USE FOR FOLLOWING PRODUCTS  
PCT1  
PCT2  
01000  
01010

Conductor Size AWG or kcmil	Symbol for X	
	Strand./ Compr.	Compt./ Solid.
#2	220	210
#1	230	220
1/0	240	230
2/0	250	240
3/0	260	250
4/0	270	260

Separable Connectors  
200A Loadbreak

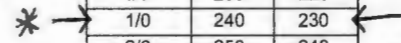
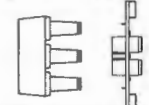




Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Part Number	Notes
	Elbow Connector	15kV	<b>165LR-W5X</b> Use Tables W1 and X1	N2,3,4,5
		25kV	<b>275LR-W5X</b> Use Tables W16 and X1	N2,3,4,5
		35kV	<b>375LR-W5X</b> Use Tables W3 and X2	N2,3,5
	Elbow Connector w/ Test Point	15kV	<b>166LR-W5X</b> Use Tables W1 and X1	N2,3,4,5,24
		25kV	<b>276LR-W5X</b> Use Tables W16 and X1	N2,3,4,5,24
		35kV	<b>376LR-W5X</b> Use Tables W3 and X2	N2,3,5,24
	Jacket Seal Elbow Connector	15kV	<b>165LRJS-W5X</b> Use Tables W1 and X1	N2,19
		25kV	<b>275LRJS-W5X</b> Use Tables W16 and X1	N2,19
	Jacket Seal Elbow Connector w/ Test Point	15kV	<b>166LRJS-W5X</b> Use Tables W1 and X1	N2,19,24
		25kV	<b>276LRJS-W5X</b> Use Tables W16 and X1	N2,19,24
	Repair Elbow Connector	15kV	<b>167ELR-W5X</b> Use Tables W5 and X1	N5,10,18
		25kV	<b>273ELR-W5X</b> Use Tables W5 and X1	N5,10,18
	Repair Elbow Connector w/ Test Point	15kV	<b>168ELR-W5X</b> Use Tables W5 and X1	N5,10,18,24
		25kV	<b>274ELR-W5X</b> Use Tables W5 and X1	N5,10,18,24
	Replacement Elbow	15kV	<b>167RLR-W5X</b> Use Tables W4 and X1	N5,11,13
		25kV	<b>273RLR-W5X</b> Use Tables W2 and X1	N5,11,13
	Replacement Elbow w/ Test Point	15kV	<b>168RLR-W5X</b> Use Tables W4 and X1	N5,11,13,24
		25kV	<b>274RLR-W5X</b> Use Tables W2 and X1	N5,11,13,24
	Direct Test Elbow Connector	15kV	<b>167DLR-W5X</b> Use Tables W4 and X1	N2,5,22
		25kV	<b>273DLR-W5X</b> Use Tables W2 and X1	N2,5,22
	Direct Test Repair Elbow Connector	15kV	<b>167DELR-W5X</b> Use Tables W5 and X1	N5,10,18,22
		25kV	<b>273DELR-W5X</b> Use Tables W5 and X1	N5,10,18,22
	Direct Test Repair Elbow Connector w/ Test Point	15kV	<b>168DELR-W5X</b> Use Tables W5 and X1	N5,10,18,22,24
		25kV	<b>274DELR-W5X</b> Use Tables W5 and X1	N5,10,18,22,24
	Fused Elbow (Full Range Current Limiting)	15kV	<b>168FLR H-W0X</b>	
		25kV	<b>274FLR H-W0X</b> See Product Guide PG-PC-H	
	Bolted Elbow w/ Tap	15kV	<b>167LRT-W5X</b> Use Tables W4 and X1	N17
	Bushing Insert	15kV	<b>1601A4</b>	N4,8,20
		25kV	<b>2701A4</b>	N4,8,20
		35kV	<b>3701A4</b>	N6,21
		35kV	<b>3701A3</b>	N8,21
	Extended Bushing Insert	15kV	<b>1601EA4</b>	N8,20
		25kV	<b>2701EA4</b>	N8,20
	Feed-Thru Insert	15kV	<b>1602A3R</b>	N16
		25kV	<b>2702A1</b>	N16
		35kV	<b>3702A1</b>	N6,16
	Insulated Cap	15kV	<b>160DR</b>	N9
	Insulated Cap w/ Ground	15kV	<b>160DRG</b>	N9
		15kV	<b>167DRG</b>	N7,9
		25kV	<b>273DRG</b>	N7,9
		35kV	<b>375DRG</b>	N7,9

Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Part Number	Notes
	Insulated Cap w/ Ground and Test Point	15kV 25kV 35kV	<b>168DRG</b> <b>274DRG</b> <b>376DRG</b>	N7 N7 N7
	Grounding Plug (1/0 AWG x 6' Ground Lead)	15kV 25kV	<b>161GP</b> <b>272GP</b>	
	Grounding Elbow (1/0 AWG x 6' Ground Lead)	15kV 25/35kV	<b>160GLR</b> <b>370GLR</b>	N12
	Feed-Thru	15kV	<b>164FT</b>	N6
		25kV	<b>274FT</b>	
		35kV	<b>371FT</b> <b>373FT</b>	
	Feed-Thru Vertical	15kV	<b>164FTV</b>	
		25kV	<b>274FTV</b>	
		35kV	<b>373FTV</b>	
	Adjustable Bracket 2-point Feed-Thru	15kV	<b>164FT2-AB</b>	N23
		25kV	<b>274FT2-AB</b>	N23
		35kV	<b>373FT2-AB</b>	N23
	Adjustable Bracket 3-point Feed-Thru	15kV	<b>164FT3-AB</b>	N23
		25kV	<b>274FT3-AB</b>	N23
		35kV	<b>373FT3-AB</b>	N23
	Adjustable Bracket 4-point Feed-Thru	15kV	<b>164FT4-AB</b>	N23
		25kV	<b>274FT4-AB</b>	N23
		35kV	<b>373FT4-AB</b>	N23
	Feed-Thru Well	15/25kV	<b>K1601WFT</b>	
		15/25kV	<b>K1601WFTV</b>	
	Insulated Parking Bushing	15kV	<b>161SOP</b>	N20
		25kV	<b>272SOP</b>	N20
		35kV	<b>372SOP</b>	N21
	Test Rod	15kV	<b>164SOP</b>	N20,23
		25kV	<b>274SOP</b>	N20,23
	Bushing Well Plug	15/25kV	<b>276BWP</b>	
		35kV	<b>M276BWP</b>	
	Assembly Tool	ALL	<b>200AT</b>	N8

- N1. Copper lug for use on COPPER CONDUCTOR ONLY.
- N2. W5X indicates that the part number includes 02500X long bi-metal compression lug as standard. For an all-copper lug, replace W5X with W2X in Table X1 to specify the all-copper 02702X lug.
- N3. Also available as housing only. Specify: 165BLR-W; 275BLR-W; 375BLR-W; 166BLR-W; 276BLR-W; 376BLR-W.
- N4. Also available as elbow/insert combination. Specify: 165A4-WX; 275A4-WX; 166A4-WX; 276A4-WX.
- N5. Also available with 200ECS jacket seal included. Add - "S" suffix to part number.
- N6. Rated for single-phase applications only.
- N7. Equipped with insulated cuff.
- N8. Includes internal torquing feature using 200AT Assembly Tool.
- N9. Also available without probe. Specify "A" suffix - Example: 273DRGA.
- N10. Repair elbow has extended length contact and elbow housing resulting in a net gain of 3-1/4" in length.
- N11. Replacement elbow has extended length contact and elbow housing resulting in a net gain of 8-7/8" in length.
- N12. Rated for 25kV thru 35kV applications.
- N13. Includes long bi-metal contact 00400X.
- N14. 160CA Cable Size Adapter can only be used with elbow part numbers 165LR/166LR C size only.
- N16. Fully rotatable for 360° positioning. Includes bail assembly to secure feed-thru insert to bushing well.
- N17. Includes 02800X bi-metal contact.
- N18. Includes 02509X long bi-metal contact.
- N19. Includes built-in jacket seal. Also available as housing only — specify: 165BLRJS-W, 166BLRJS-W, 275BLRJS-W or 276BLRJS-W. Also available as elbow/insert combination — specify: 165JSA4-W5X, 166JSA4-W5X, 275JSA4-W5X or 276JSA4-W5X.
- N20. Includes a yellow seating indicator and vent ring.
- N21. Includes a black vent ring.
- N22. Direct Test Connectors, along with a 200TC-X series meter adapter, a properly rated voltage meter and Hot-line Stick provides a means for direct conductor voltage testing.
- N23. With stainless steel bracket.
- N24. Test Point Cap Cat# 156-7



**CONTACTS, PROBES, PLUGS,  
CABLE ADAPTERS AND JUNCTIONS  
CONTINUED ON PAGE 7.**

Refer to the **W** and **X** tables on pages 38 and 39 for sizing to cable insulation diameter and conductor size.

For cable shield adapters and jacket seals, see page 28.

Separable Connectors  
200A Loadbreak

# SECTIONALIZING ENCLOSURES SINGLE AND THREE PHASE 15, 25 & 35KV

SINGLE PHASE



THREE PHASE



- Heavy-Duty channelized construction.
- Standard cabinet is fabricated from 14 gauge galvaneel steel.  
Also available in 12 gauge galvaneel steel, (add "-H")  
Also available in mild steel (replace the "G" with "M")
- Also available in stainless steel or aluminum (contact rep).
- Heavy duty wind locks are standard on all models.
- Custom sizes and special junction mounting brackets available.
- Stainless steel hinge barrels, pins, padlock hasp, and exterior hardware.
- Ground nut provision for each phase. Units shipped completely assembled (except Junctions).
- Oven cured green powder coat polyester finish exceeds ANSI standard C57.12.28.
- Standard paint color: Munsell dark green. Other colors available.

Provides a safe and convenient primary cable terminating, sectionalizing, tapping, and switching point for underground distribution systems.

### SINGLE PHASE

Catalog Number	Depth	Width	Height	Usable Junctions
BGSSE162630SP	16"	26"	30"	4 - WAY
BGSSE182630SP	18"	26"	30"	4 - WAY
BGSSE183030SP	18"	30"	30"	4 - WAY
BGSSE186030SP	18"	60"	30"	4 - WAY
BGSSE223030SP	22"	30"	30"	4 - WAY

### THREE PHASE

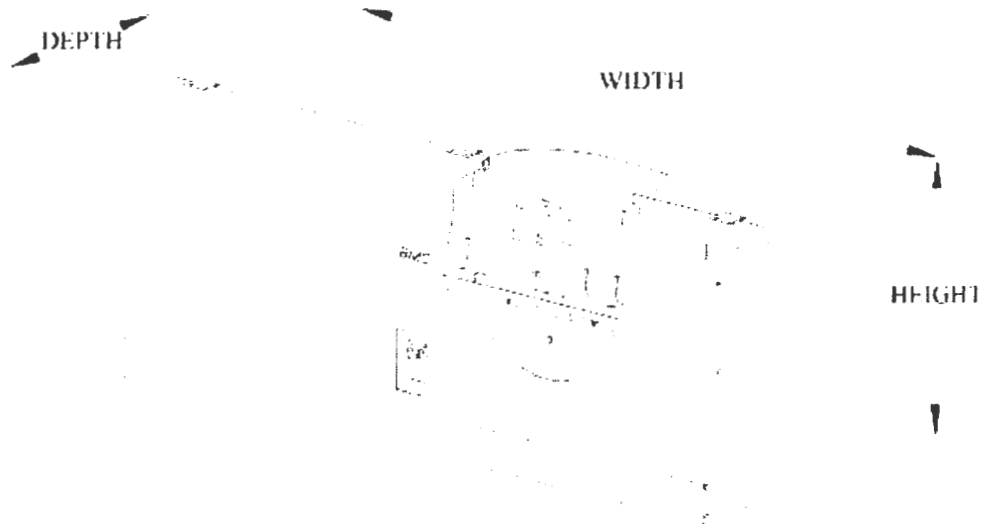
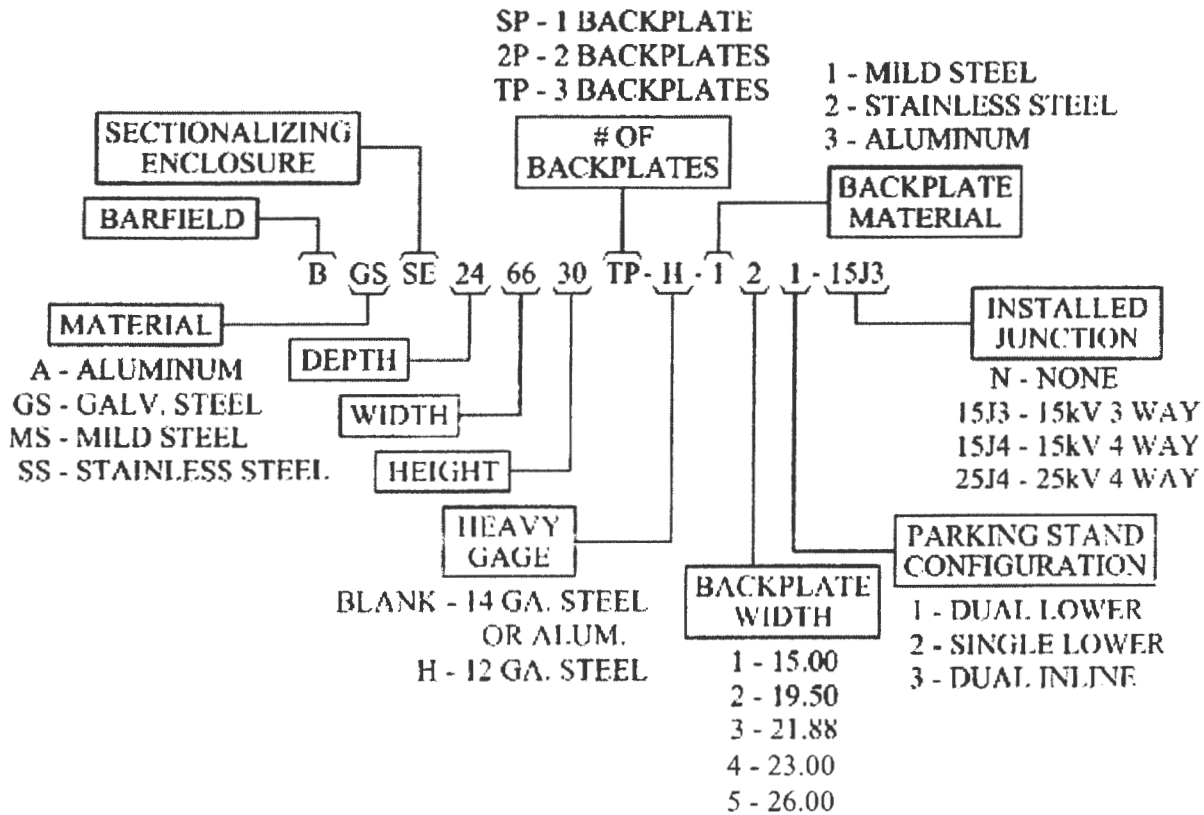
Catalog Number	Depth	Width	Height	Usable Junctions
BGSSE224830TP	22"	48"	30"	4 - WAY
BGSSE166030TP	16"	60"	30"	4 - WAY
BGSSE184830TP	18"	48"	30"	3 - WAY
BGSSE186030TP	18"	60"	30"	4 - WAY
BGSSE226030TP	22"	60"	30"	4 - WAY
BGSSE226630TP	22"	66"	30"	4 - WAY
BGSSE228430TP	22"	84"	30"	4 - WAY

See pages B-14 and B-15 for Burial Sleeves.



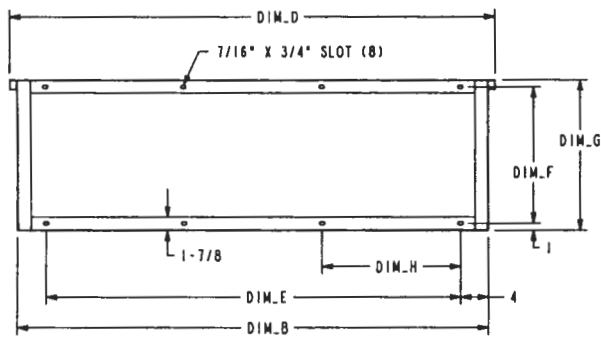


# SECTIONALIZING ENCLOSURES SINGLE AND THREE PHASE 15, 25 & 35KV

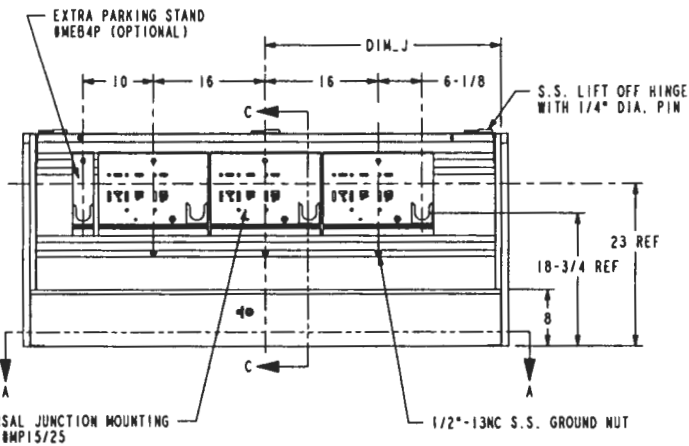


B-Enclosures

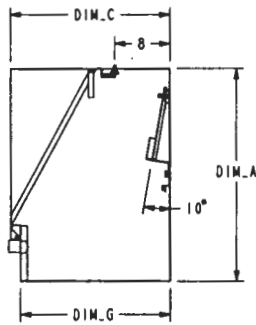
DIMENSION TABLE									
CATALOG NO:	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F	DIM.G	DIM.H	DIM.J
MEH306718	30	67	18	69	59	14-1/2	16-1/2	19-11/16	33-1/2
MEH306723	30	67	23	69	59	19-1/2	21-1/2	19-11/16	33-1/2



SECTION A-A



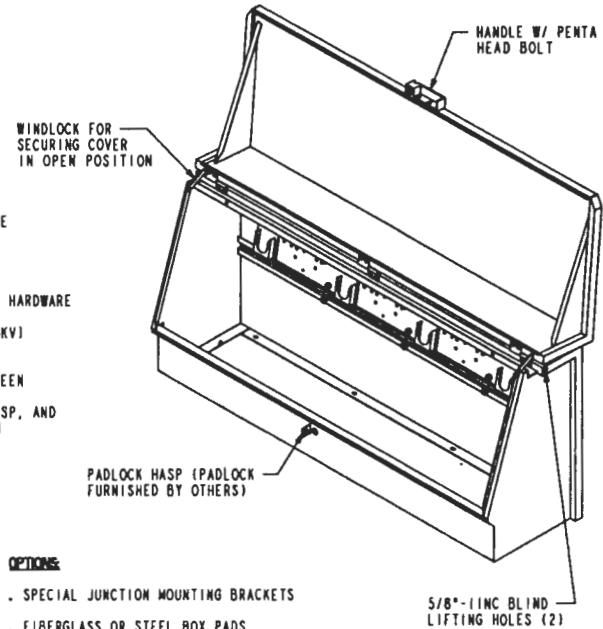
FRONT VIEW  
W/ COVER REMOVED



SECTION C-C

**NOTES:**

1. HEAVY DUTY CHANNELIZED CONSTRUCTION
2. FULL WIDTH CHANNELIZED RAILS FOR JUNCTION BRACKET REINFORCEMENT
3. COVER WIND LOCKS
4. GROUND NUT PROVISION FOR EACH PHASE
5. BLIND THREADED LIFTING PROVISIONS
6. TAMPER RESISTANCE AND COATING DURABILITY MEETS THE REQUIREMENTS OF ANSI STANDARD C57.12.28
7. R.E.A. APPROVED WITH STANDARD PENTA BOLT.
8. STAINLESS STEEL HINGE BARRELS, PINS, AND EXTERIOR HARDWARE
9. STANDARD MOUNTING BRACKET WILL ACCEPT (5KV AND 25KV) 2, 3, OR 4 POINT JUNCTIONS
10. STANDARD PAINT COLOR: MUNSELL 7GY3.29/1.5 DARK GREEN
11. ALL HARDWARE INCLUDING HINGES, HANDLE, PADLOCK HASP, AND NUT FOR LOCKING BOLT, ARE EASILY REPLACEABLE FROM INTERIOR ONLY



**OPTIONS:**

- SPECIAL JUNCTION MOUNTING BRACKETS
- FIBERGLASS OR STEEL BOX PADS
- EXTRA PARKING STAND BRACKETS #MEB4P
- AVAILABLE IN STAINLESS STEEL OR ALUMINUM
- FAULT INDICATOR PROVISIONS
- CUSTOM SIZES

SPEC/PART NO.	ITEM	QTY	DESCRIPTION
<b>MALTON EQUIPMENT COMPANY</b> 1505 WEST CHESTNUT STREET, VIRGINIA, MN 55792 SUBSIDIARY OF MALTON ELECTRIC CO.			
THIS DRAWING, WHICH IS THE PROPERTY OF MALTON EQUIPMENT COMPANY, MAY BE REPRODUCED FREE OF CHARGE BY MALTON REPRESENTATIVES, OR ITS CUSTOMERS, ONLY IF THE REPRODUCTION IS USED EXCLUSIVELY FOR MALTON SALES REPRESENTATIVES OR ITS CUSTOMERS.		DRAWN BY: ROB R.	TITLE: MEH ( *** SEE CHART *** ) THREE PHASE SECTIONALIZING ENCLOSURE ASSEMBLY
DATE: 4/19/94		SCALE: 0.062	REF:
TOTAL SHTS: 1		CHE BY: A	PRODUCTION NO: B3731
REV:		QTY. NO:	SHT. NO: 1

REV	DATE	BY	DESCRIPTION
A	2/18/94	RR	REMOVED SHEET 2 OF 2, REARRANGED VIEWS, UPDATED MTB PLATE

# Nordic Fiberglass Ground Sleeves



GS-30

Avoid the risk of corrosion by mounting your sectionalizing enclosures and switching cabinets on fiberglass ground sleeves. Nordic Fiberglass ground sleeves are produced of fire-retardant resin and a combination of chopped glass sprayup and hand layup using 18 ounce woven roving glass reinforcement for great strength. The exterior is covered with dark green gel-coat for superior weatherability. Units come predrilled to fit your cabinet and with mounting hardware. Sleeves are tapered to allow stacking three inches apart without sticking or binding. Many sizes are available. Nordic manufactures covers for all sizes.

Catalog # /Dimensions	Top Opening	Catalog # /Dimensions	Top Opening	Catalog # /Dimensions	Top Opening
<b>Single-Phase 18" Sleeves</b>		<b>Three-Phase -15"-18"</b>		<b>Three-Phase - 24"-26"</b>	
GS-18-18-18	9x9	GS-61-37-15	52x32	GS-44-26-24	37x20
GS-24-22-18	16.5x18.5	GS-75-37-15	37x32	GS-67-24-24	60x14
GS-25-15-18	16x10	GS-44-18-18	37x9.5	GS-71-25-24	61.5x12.5
GS-25-19-18	19x13	GS-44-44-18	32x32	GS-61-18-26	55x10
GS-27-20-18	17.5x11.5	GS-49-15-18	40.5x10.5	<b>Three-Phase - 30"-48"</b>	
GS-30-18-18	21x10	GS-49-18-18	38x10.5	GS-49-15-30	40x10
GS-30-20-18	21x10	GS-49-23-18	39.5x17	GS-49-23-30	40x17.5
GS-31-19-18	22x13.5	GS-61-15-18	53x11	GS-61-15-30	52x10
GS-31-23-18	22x18	GS-61-18-18	55x10	<del>GS-61-18-30</del>	<del>54x10</del>
GS-32-16-18	24x9	GS-64-18-18	56.5x10.5	GS-64-18-30	56x13
GS-35-20-18	25x11.25	GS-64-20-18	57.5x12.5	GS-67-23-30	57x18
GS-36-26-18	30x20	GS-67-23-18	58x16.5	GS-85-23-30	74.5x16
GS-37-23-18	28x18	GS-70-18-18	64x12.5	GS-44-44-36	34x34
GS-38-20-18	30x12	GS-78-20-18	72.5x14	GS-78-24-36	70x16
GS-38-20-18	30x12	GS-85-23-18	75x16.5	GS-72-75-48	63x17
<b>Single-Phase - 24"-30"</b>					
GS-25-25-24	12x12				
GS-30-18-24	20x9				
GS-32-12-24	24x4				
GS-34-25-24	26x17				
GS-34-30-25	22x18				
GS-36-24-24	31x19				
GS-27-20-26	18x12				
GS-24-22-30	16x17.5				
GS-24-24-30	16x16				
GS-30-18-30	21x10				
GS-30-20-30	23.5x12.75				
GS-31-23-30	22x17.5				
GS-32-16-30	26x12				
GS-35-35-30	27x27				
GS-37-23-30	27.5x17				



GS-64-20-30



Fabricators of Quality Fiberglass Products  
for the Electric Utility Industry