elastimold Product Specifications

Issue Date: 09/24/2014 Page: 1 of 2 File: ^{PSS-1612LRJS-W5X}

15kV

200A Loadbreak Elbow w/ Test

w/ Test Point

162LRJS-W5X



Features:

- 15kV, 200 Amp Loadbreak Elbow
- Fully shielded, fully submersible molded rubber housing
- 100% peroxide-cured construction includes insulation and conductive EPDM materials
- Provision for hot stick operation
- Provision for ground wire connection
- Wide cable range with minimum number of sizes
- Long bi-metal compression lug is standard
- Built in cable jacket seal
- Non-corrosive capacitive test point

162LRJS Jacket Seal Loadbreak Elbow Connector

Applications:

The Elastimold® 162LRJS Elbow Connector is a fully rated 15kV, 200 Amp Class loadbreak connector. It includes provisions for energized operation using standard hotstick tools allowing loadmake/loadbreak operation and a visible disconnect. It has a standard interface for connecting to 15kV, 200 Amp bushing inserts, junctions, and operating accessories. The 162LRJS is designed for connecting to and operating 15kV Class, 200 Amp distribution apparatus. It provides a convenient method to connect/disconnect cable and equipment on power distribution systems. The 162LRJS allows connection of cables with insulation diameters from .575" (14,6mm) to 1.220" (31,0mm) with only four elbow sizes. (#4 solid, 175 mil to 4/0 stranded, 260 mil)

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

For 15kV Voltage Class:

8.3kV Max Phase-to-Ground – Operating Voltage
14.4kV Max Phase-to-Phase
95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
34kV AC – One minute withstand
53kV DC – 15 minutes withstand
11kV AC – Corona Extinction @ 3pC sensitivity
200 Amp – Continuous and Loadbreak
10kA Sym – 10 Cycles Momentary & Fault Close



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Example: The ordering number for an Elbow Connector for a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to 895" is 162LRJS-B5240. Each kit contains the following: 1 Elbow connector housing 1 Elbow connector housing 162BLRJS-W 1 Bi-metal compression lug 02500XXX 1 Probe 1 Crimp chart 1 Ccolo20 1 Butyl Auto Tape 1 V.D Cap-Peroxide 1 V.D Cap-Peroxide	Example: The ordering number for an Elbow Connector or a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to 895" is 162LRJS-B5240. Each kit contains the following: 1 Elbow connector housing 162BLRJS-W 1 Elbow connector housing 162BLRJS-W 1 Bi-metal compression lug 02500 <u>XXX</u> 1 Probe 1 Tube, lubricant 82-08 Notes: 1 Crimp chart 1 Crimp chart 1 V.D Cap-Peroxide							200	#4	#3	-	02500200	02702200	
Zio Z	The ordering number for an Elbow Connector or a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to 895" is 162LRJS-B5240. 230 #1 1/0 50 02500230 0 230 #1 1/0 50 02500230 0 240 1/0 2/0 - 02500240 0 250 2/0 3/0 70 02500240 0 250 2/0 3/0 70 02500250 0 250 2/0 3/0 4/0 95 02500260 0 260 3/0 4/0 95 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 250 1/0 250 125 02500270 0 1 Tube, lubricant 82-08 Notes: * Copper compression lug suitable for all copper conductors only. * * <td>0.050</td> <td>1.220</td> <td>22.0</td> <td>51.0</td> <td>5</td> <td></td> <td>210</td> <td>#3</td> <td>#2</td> <td>25</td> <td>02500210</td> <td>02702210</td>	0.050	1.220	22.0	51.0	5		210	#3	#2	25	02500210	02702210	
for a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to .895" is 162LRJS-B5240. 230 #1 1/0 50 02500230 02702230 230 #1 1/0 50 02500230 02702230 240 1/0 2/0 - 02500240 02702240 250 2/0 3/0 70 02500250 02702260 250 2/0 3/0 4/0 95 02500260 02702260 260 3/0 4/0 95 02500270 02702270 270 4/0 250 125 02500270 02702270 270 4/0 250 125 02500270 02702270 270 4/0 250 125 02500270 02702270 270 4/0 250 125 02500270 02702270 270 4/0 250 125 02500270 02702270 270 1 50 50-37-3 * Copper compression lug suitable for all copper conductors only. * Bi-metal compression lug with universal aluminum barrel suitable for copper or aluminum conductor * Bi-metal	for a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to .895" is 162LRJS-B5240. Each kit contains the following: 1 Elbow connector housing 1 Elbow connector housing 1 Elbow connector housing 1 Bi-metal compression lug 02500XXX 1 Probe 1 Tube, lubricant 82-08 1 Crimp chart 1 Crimp chart 1 Cropper compression lug suitable for all copper conductors only. * Copper compression lug with universal aluminum barrel suitable for copper or aluminum				-			220	#2	#1	35	02500220	02702220	
cable with an insulation diameter of .805" to .895" is 162LRJS-B5240. Each kit contains the following: 1 Elbow connector housing 1 Elbow connector housing 1 Elbow connector housing 1 Bi-metal compression lug 025002XX 1 Probe 1 Tube, lubricant 82-08 1 Crimp chart 1 Crimp chart 1 Cropper compression lug suitable for all copper conductors only. * Copper compression lug with universal aluminum barrel suitable for copper or aluminum conductor	cable with an insulation diameter of .805" to .895" is 162LRJS-B5240. 240 1/0 2/0 - 02500240 0 Each kit contains the following: 250 2/0 3/0 70 02500250 0 1 Elbow connector housing 162BLRJS-W 260 3/0 4/0 95 02500260 0 260 3/0 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 270 4/0 250 125 02500270 0 280 166LRF 1 Notes: * * Copper compression lug suitable for all copper conductors only. 1 V.D Cap-Peroxide 156-7 156-7 * Copper compression lug with universal aluminum barrel suitable for copper or aluminum </td <td>The orderir for a 1/0 co</td> <td>for an Elbo stranded. 2</td> <td>ow Conneo 220 mil wa</td> <td>ctor all</td> <td></td> <td>230</td> <td>#1</td> <td>1/0</td> <td>50</td> <td>02500230</td> <td>02702230</td>	The orderir for a 1/0 co	for an Elbo stranded. 2	ow Conneo 220 mil wa	ctor all		230	#1	1/0	50	02500230	02702230		
250 2/0 3/0 70 02500250 02702250 Each kit contains the following: 1 Elbow connector housing 162BLRJS-W 260 3/0 4/0 95 02500260 02702260 2 Bi-metal compression lug 02500 02500 270 4/0 250 125 02500270 02702270 1 Probe 166LRF 1 166LRF Notes: * Copper compression lug suitable for all copper conductors only. * Copper compression lug with universal aluminum barrel suitable for copper or aluminum conductor 1 V.D Cap-Peroxide 156-7 * Copper compression lug with universal aluminum barrel suitable for copper or aluminum conductor	Each kit contains the following: 250 2/0 3/0 70 02500250 0 1 Elbow connector housing 162BLRJS-W 260 3/0 4/0 95 02500260 0 1 Bi-metal compression lug 02500XXX 270 4/0 250 125 02500270 0 1 Probe 166LRF 1 166LRF 1 166LRF 1 102500270 0 0 1 Drip chart CC-0020 1 Sto-37-3 * Copper compression lug suitable for all copper conductors only. * Copper compression lug with universal aluminum barrel suitable for copper or aluminum * Di-peroxide 156-7 156-7 * <td>cable with a</td> <td>n diamete</td> <td></td> <td></td> <td></td> <td></td> <td>1/0</td> <td>2/0</td> <td>-</td> <td>02500240</td> <td>02702240</td>	cable with a	n diamete					1/0	2/0	-	02500240	02702240		
Each kit contains the following:1Elbow connector housing162BLRJS-W2603/04/095025002602603/04/02501252704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702704/0250125025002702705002705002701252704/02501252704/02501252704/02501252704/02501252704/025012527	Each kit contains the following:1Elbow connector housing162BLRJS-W2603/04/095025002601Bi-metal compression lug02500XXX1Probe166LRF1Tube, lubricant82-081Crimp chartCC-00201Butyl Auto Tape350-37-31V.D Cap-Peroxide156-7	.895" IS 16	2LRJS-B52	240.				-		3/0	70	02500250	02702250	
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1 Butyl Auto Tape 350-37-3 * Copper compression lug suitable for all copper conductors only. 1 V.D Cap-Peroxide 156-7 ** Bi-metal compression lug with universal aluminum barrel suitable for copper or aluminum conductor	1 Butyl Auto Tape 350-37-3 * Copper compression lug suitable for all copper conductors only. 1 V.D Cap-Peroxide 156-7 ** Bi-metal compression lug with universal aluminum barrel suitable for copper or aluminur		,				N	otes:						
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