15kV	200A Loadbreak Repair Elbow	w/ Test Point	168ELR-W5X

Features:

- **Extended length housing and compression lug**

  [+ 3-1/4'' (82,6 mm)]
- **15kV, 200A Loadbreak Elbow Connector**
- **Fully shielded, fully submersible molded rubber housing**
- **100% Peroxide-cured insulation, insert and jacket**
- **Provision for hot stick operation**
- **Provision for ground wire connection**
- **Wide cable range with minimum number of cable sizes**
- **Non-corrosive capacitive test point**

168ELR Loadbreak Repair Elbow Connector

Applications:

The Elastimold® 168ELR Repair Elbow is a fully rated 15kV, 200 Amp Class loadbreak elbow connector with a lengthened compression lug and housing. The Repair Elbow accommodates cables that are too short to be connected with a standard elbow. The 168ELR is designed for connecting to and operating 15kV Class, 95kV BIL apparatus. Typical uses for the special characteristics of the 168ELR Repair Elbow include the following:

- Repair of a failed elbow connection where the cable must be stripped back and a new compression lug applied.
- To gain extra length when cables have been accidentally trimmed too short or to connect new apparatus to existing cables.

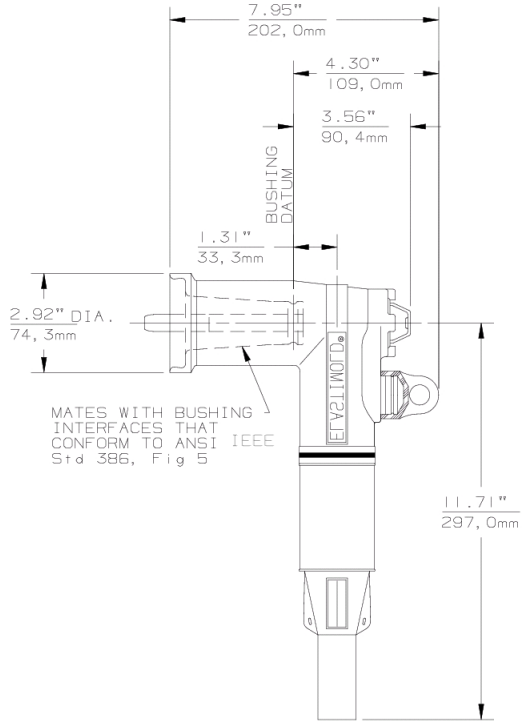
Ratings:

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

15kV	200A Loadbreak Repair Elbow	w/o Test Point	168ELR-W5X



CATALOG NUMBER SELECTION

Step 1 (W)
Determine the insulation diameter of the cable.
Select the insulation letter code that best straddles the insulation diameter from W table below. Insert code into catalog number.

Step 2 (X)
Choose the proper compression lug code according to the conductor size from the Conductor Code Table. Insert code into catalog number.

Example:
The ordering number for a Repair Elbow for a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to .895'' and test point is 168ELR-7495-5240.

	W Code		XXX Code
168ELR -		**5**	

Cable Insulation Diameter in Inches		Cable Insulation Diameter in mm		Symbol for W
MIN.	MAX.	MIN.	MAX.	
0.665	0.895	16.89	22.73	**6689**
0.740	0.950	18.80	24.13	**7495**
0.880	1.100	22.35	27.94	**88110**
1.090	1.310	27.69	33.27	**K**

XXX Code	Conductor Size AWG or kcmil			Connector only
	Strand./ Compr.	Solid/ Comp.	mm^2	Bi-Metal
190	-	#4	16.76	02509190
200	#4	#3	21.14	02509200
210	#3	#2	26.67	02509210
220	#2	#1	33.62	02509220
230	#1	1/0	42.41	02509230
240	1/0	2/0	53.49	02509240
250	2/0	3/0	67.43	02509250
260	3/0	4/0	85.01	02509260
270	4/0	250	26.67	02509270

Each kit contains the following:

1	Elbow connector housing	168BELR-W
1	Bi-metal compression lug	02509**XXX**
1	Probe wrench	271-94
1	Probe	166LRF
1	Tube, lubricant	82-08
1	Installation instruction	IS-0267
1	Crimp chart	CC-0020