15kV	200A Loadbreak Replacement Elbow	w/ Test Point	168RLR-W5X

Features:

- **Extended length housing and compression lug**

  [+ 10-1/2'' (266,7 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**

168RLR Loadbreak Replacement Elbow Connector

Applications:

The Elastimold® 168RLR Replacement Elbow is a fully rated 15kV, 200 Amp Class loadbreak elbow connector with a lengthened compression lug and housing. The Replacement Elbow accommodates cables that are too short to be connected with a standard elbow. The 168RLR is designed for connecting to and operating 15kV Class, 95kV BIL apparatus. Typical uses for the special characteristics of the 168RLR Replacement 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.
- Convert equipment connections from live front to dead front without changing cable.

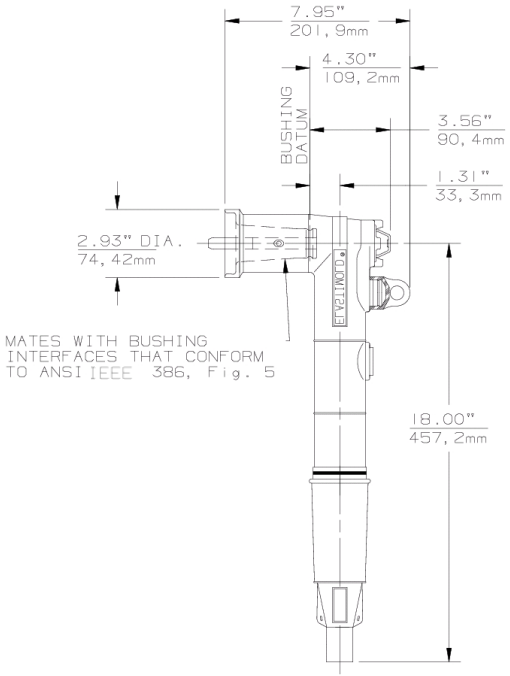
Ratings:

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 Replacement Elbow	w/ Test Point	168RLR-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 Replacement Elbow for a 1/0 compressed/stranded, 220 mil wall cable with an insulation diameter of .805" to .895'' and test point is 168RLR-G5240.

168RLR - [W Code] [5] [XXX Code]

Cable Insulation Diameter in Inches		Cable Insulation Diameter in mm		Symbol for W
MIN.	MAX.	MIN.	MAX.	
0.640	0.820	16.26	20.83	F
0.760	0.950	19.30	24.13	G
0.850	1.050	21.59	26.67	H
0.980	1.180	24.89	29.97	J
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	00400190
200	#4	#3	21.14	00400200
210	#3	#2	26.67	00400210
220	#2	#1	33.62	00400220
230	#1	1/0	42.41	00400230
240	1/0	2/0	53.49	00400240
250	2/0	3/0	67.43	00400250
260	3/0	4/0	85.01	00400260
270	4/0	250	26.67	00400270

Each kit contains the following:

1	Elbow connector housing	168BRLR-W
1	Bi-metal compression lug	00400**XXX**
1	Probe wrench	271-94
1	Probe	166LRF
1	Tube, lubricant	82-08
1	Installation instruction	IS-0417
1	Hose clamp	65-27-2
1	Crimp chart	CC-0060