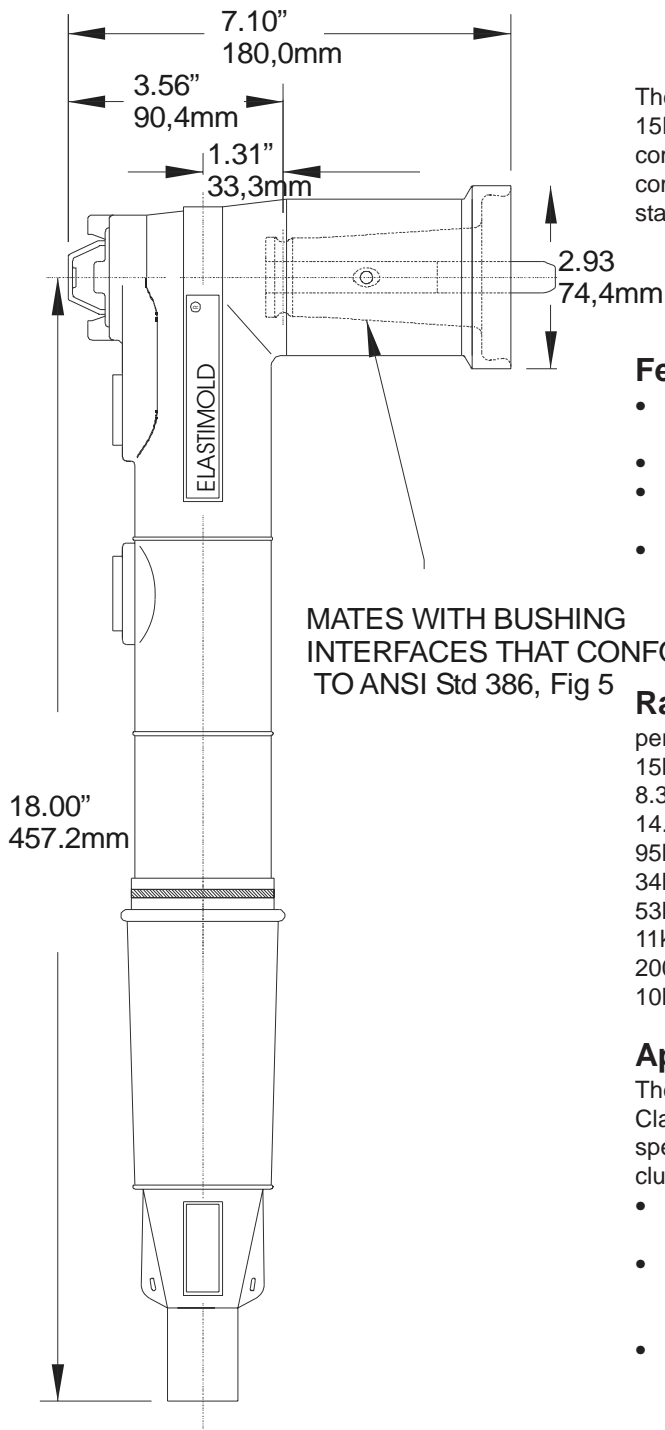


**PRODUCT SPECIFICATION SHEET**
**I T C**
**15kV 200A Replacement Elbow**
**167RLR-WX**
**(w/o Test Point)**


The Elastimold 167RLR Replacement Elbow is a fully rated 15kV Class loadbreak elbow connector with a lengthened compression lug and housing. The Replacement Elbow accommodates cables that are too short to be connected to a standard elbow.

**Features**

- Extended length housing and compression lug [ + 10 ½ " (266,7mm)].
- 15kV, 200A Loadbreak Elbow Connector.
- Fully shielded, fully submersible molded rubber housing.
- Peroxide-cured insulation, insert and jacket.

**Ratings**

per ANSI/IEEE Standard 386  
 15kV Voltage Class  
 8.3 kV 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 Extinciton @ 3p.C.sensitivity  
 200Amp - Continuous and Loadbreak  
 10kA Sym - 10 Cycles Momentary & Fault Clsoe

**Applications**

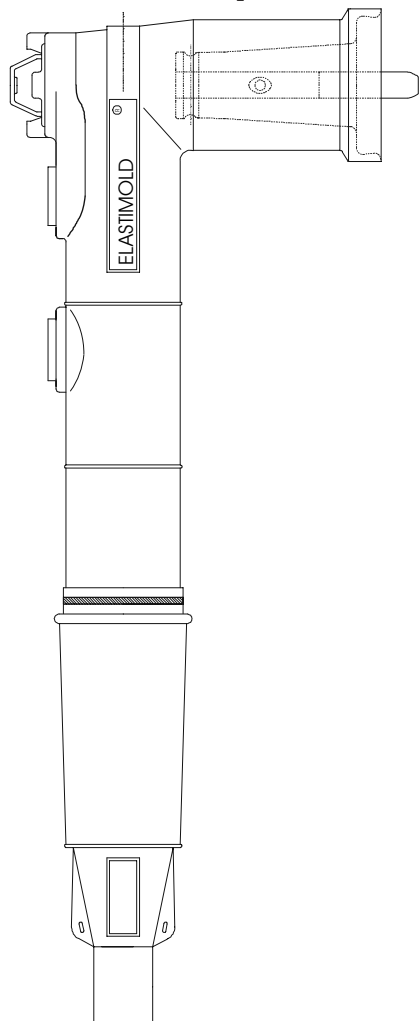
The 167RLR is designed for connecting to and operating 15kV Class, 95kV BIL distribution apparatus. Typical uses for the special characteristics of the 167RLR Replacement Elbow includes the following:

- 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.



# 15kV 200A Replacement Elbow

# 167RLR-WX (w/o Test Point)



### Ordering Instruction:

#### Step 1 (W)

Determine the insulation diameter of the cable. Select the insulation letter code that best straddles the insulation diameter. Insert code into catalog number.

#### Step 2 (X)

Choose the proper compression lug code according to the conductor size. Insert code into the catalog number after the insulation code.

167RLR —  — 5

Step 1 (W)                      Step 2 (X)

Cable Insulation Dia. Range		Elbow Code	COMPRESSION LUG			
Inches	mm		AWG or kcmil		mm <sup>2</sup>	Symbol
			Stranded/ Compr.	Solid/ Compact	Compact Only	for "X"
.640 - .820	16.26 – 20.83	F	--	2	25	210
.760 - .950	19.30 – 24.13	G	2	1	35	220
.850 – 1.050	21.59 – 26.67	H	1	1/0	50	230
.980 – 1.180	24.89 – 29.97	J	1/0	2/0	60	240
1.090 – 1.310	27.69 – 33.27	K	2/0	3/0	70	250
			3/0	4/0	95	260
			4/0	250	125	270

Cu or AL conductor

### The Replacement Elbow kit contains the following:

- 1 – Elbow connector housing            167BRLR-W
- 1 – Bi-metal compression lug        00400XXX (Table R)
- 1 – Probe                                    166LRF
- 1 – Probe wrench                        271-94
- 1 – Hose clamp                            65-27-2
- 1 – Tube, lubricant                       82-08
- 1 – Installation instruction            IS-0417-167/168RLR 10/00
- 1 – Crimp chart                            IS-00400XXX-CC

### Example:

The ordering number for a Replacement Elbow for a 1/0 stranded, 220 mil wall cable with an insulation diameter of .875" (22.2 mm) is 167RLR-G-5240.

For an all-copper compression lug for use on copper cable only, substitute the prefix "2" instead of "5" in the compression lug code. The ordering number would be 167RLR-G-2240.

Table R

REPLACEMENT COMPRESSION LUG NUMBER			
AWG or kcmil		mm <sup>2</sup>	Symbol
Stranded/ Compr.	Solid/ Compact	Compact Only	for BI-METAL
--	2	25	00400210
2	1	35	00400220
1	1/0	50	00400230
1/0	2/0	60	00400240
2/0	3/0	70	00400250
3/0	4/0	95	00400260
4/0	250	125	00400270

\*Cu or Al conductor