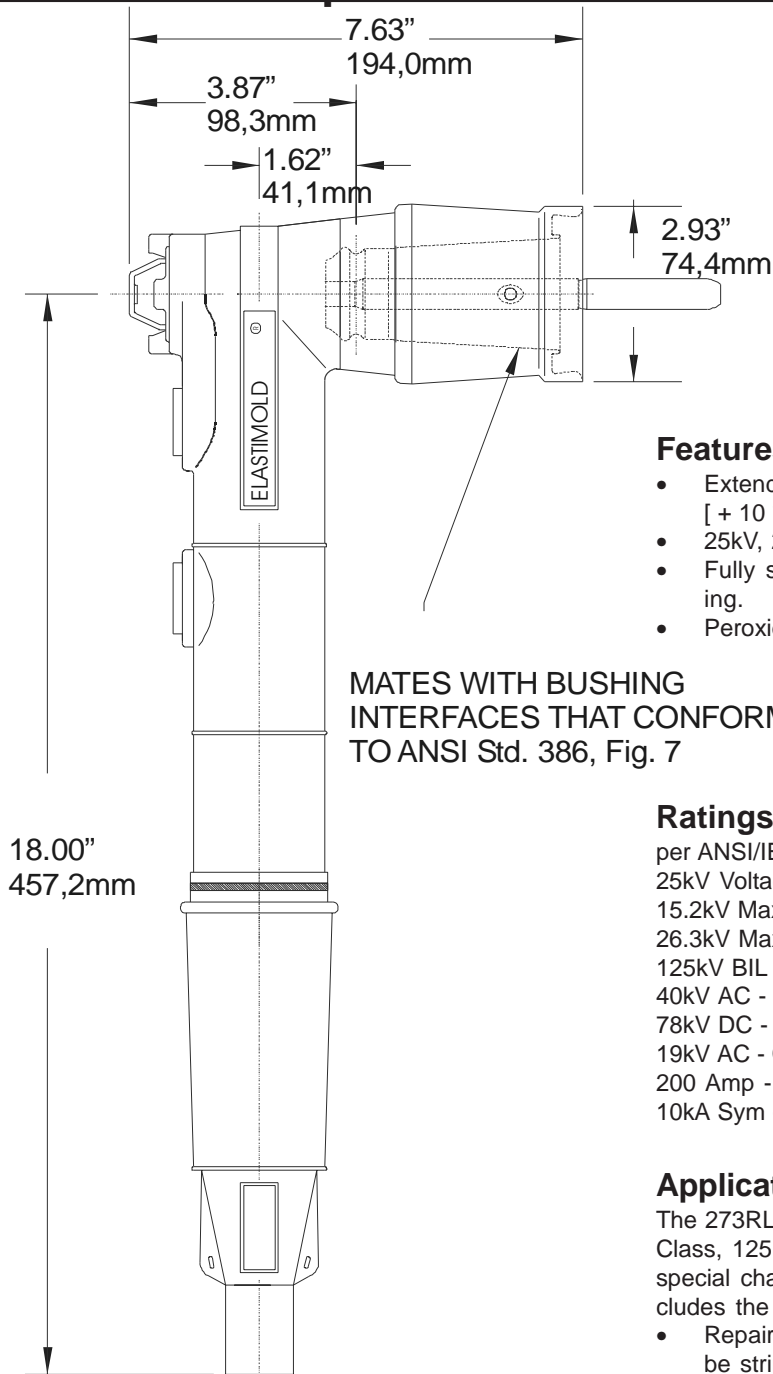


**PRODUCT SPECIFICATION SHEET**
**I T C**
**25kV 200A Replacement Elbow**
**273RLR-WX  
(w/o Test Point)**

**Features**

- Extended length housing and compression lug [ + 10 ½ " (266,7mm)].
- 25kV, 200A Loadbreak Elbow Connector.
- Fully shielded, fully submersible molded rubber housing.
- Peroxide-cured insulation, insert and jacket.

MATES WITH BUSHING  
INTERFACES THAT CONFORM  
TO ANSI Std. 386, Fig. 7

**Ratings**

per ANSI/IEEE Standard 386  
 25kV Voltage Class  
 15.2kV Max Phase-to-Ground - Operating Voltage  
 26.3kV Max Phase-to-Phase  
 125kV BIL - Impulse Withstand (1.2 x 50 microsecond wave)  
 40kV AC - One minute Withstand  
 78kV DC - 15 Minutes Withstand  
 19kV AC - Corona Extinction @ 3p.C.sensitivity  
 200 Amp - Continuous and Loadbreak  
 10kA Sym - 10 Cycles Momentary & Fault Close

**Applications**

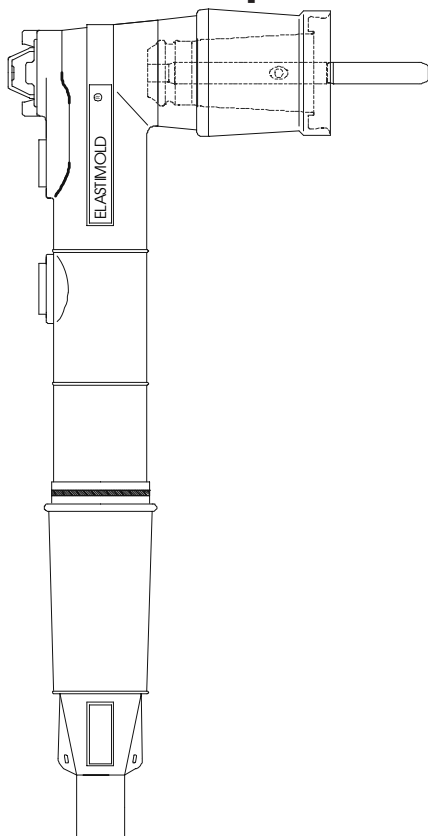
The 273RLR is designed for connecting to and operating 25kV Class, 125kV BIL distribution apparatus. Typical uses for the special characteristics of the 273RLR Replacement Elbow includes the following:

- 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.

The Elastimold 273RLR Replacement Elbow is a fully rated 25kV 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.

## 25kV 200A Replacement Elbow

## 273RLR-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.

273RLR –  Step 1 (W) – 5  Step 2 (X)

Cable Insulation Dia. Range		Elbow Code
Inches	mm	
.760 - .950	19.30 – 24.13	G
.850 – 1.050	21.59 – 26.67	H
.980 – 1.180	24.89 – 29.97	J
1.090 – 1.310	27.69 – 33.27	K

COMPRESSION LUG			
AWG or kcmil		mm <sup>2</sup>	Symbol for "X"
Stranded/ Compr.	Solid/ Compact	Compact Only	
--	2	25	210
2	1	35	220
1	1/0	50	230
1/0	2/0	60	240
2/0	3/0	70	250
3/0	4/0	95	260
4/0	250	125	270

Cu or AL conductor

The elbow Connector kit contains the following:

1 – Elbow connector housing	273BRLR-W
1 – Bi-metal compression lug	00400XXX (Table R)
1 – Probe	274LRF
1 – Probe wrench	271-94
1 – Hose clamp	65-27-2
1 – Tube, lubricant	82-08
1 – Installation instruction	IS-0425-273/274RLR 10/00
1 – Crimp chart	IS-00400XXX-CC

#### Example:

The ordering number for an Elbow Connector for a 1/0 stranded, 260 mil wall cable with an insulation diameter of .955" (23.4 mm) is 273RLR-H-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 273RLR-H-2240.

Table R

REPLACEMENT COMPRESSION LUG NUMBER			
AWG or kcmil		mm <sup>2</sup>	Symbol for BI-METAL
Stranded/ Compr.	Solid/ Compact	Compact Only	
--	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