15/25kV	200A Deadbreak Elbow Connector	w/ Test Point	156LR-W5X

156LR Deadbreak Elbow Connector

Applications:

The Elastimold® 156LR Elbow Connector is a fully-rated 15/25kV, 200Amp Class dead-break connector. Units include provisions for de-energized operation using standard hotstick tools. It has a standard interface for connecting to 15/25kV, 200Amp dead-break bushing inserts, junctions and other accessories. The 156LR is equipped with an integral voltage test point.

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
10kA Sym – 10 Cycles Momentary & Fault Close

For 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 @ 3pC sensitivity
200 Amp – Continuous
10kA Sym – 10 Cycles Momentary & Fault Close

Features:

- **15/25kV, 200 Amp Deadbreak 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 sizes**
- **Long bi-metal compression lug is standard**
- **Non-corrosive, capacitive test point**

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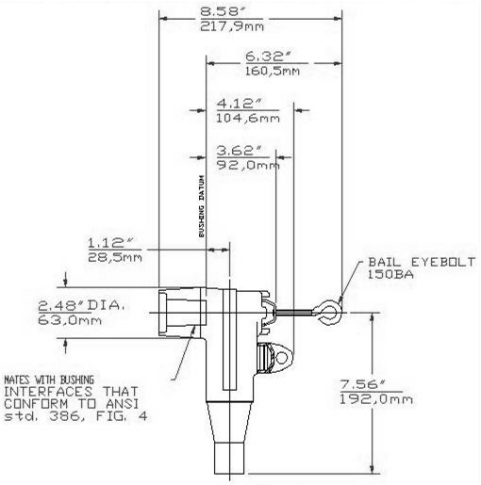

CATALOG NUMBER SELECTION

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
Insert conductor material code from the Material Code table.

Step 3 (X)
Choose the proper compression lug code according to the conductor size from the Conductor Code Table. Insert code into catalog number.

Material Code

Copper*	2
Bi-metal**	5

156LR - [W Code] [ ] [XXX Code]

Example:
The ordering number for an Elbow Connector for a 1/0 compressed, 220 mil wall cable with a minimum insulation diameter of .805" and a maximum of .895" is 156LR-G5240.

Cable Insulation Diameter in inches		Cable Insulation Diameter in millimeters		Symbol for W
MIN.	MAX.	MIN.	MAX.	
0.640	0.820	16.256	20.828	F
0.760	0.950	19.304	24.130	G
0.850	1.050	21.590	26.670	H
0.980	1.180	24.892	29.972	J
1.090	1.310	27.686	33.274	K

X Code	Conductor Size AWG or kcmil			Connector Only	
	Strand./ Compr.	Solid/ Compact	mm²	Bi-metal**	Copper*
190		#4	16.76	02500190	027002190
200	#4	#3	21.14	02500200	02700220
210	#3	#2	26.67	02500210	027002210
220	#2	#1	33.62	02500220	027002220
230	#1	1/0	42.41	02500230	027002230
240	1/0	2/0	53.49	02500240	027002240
250	2/0	3/0	67.43	02500250	027002250
260	3/0	4/0	85.01	02500260	027002260
270	4/0	250	26.67	02500270	027002270

Each kit contains the following:

1	Elbow connector housing	156BLR-W
1	Bi-metal compression lug	02500**XXX**
1	Probe	156LRF
1	Probe wrench	650-14-3TN
1	Bail Assembly	150BA
1	Tube, lubricant	82-08
1	Installation instruction	IS-0092
1	Crimp chart	CC-0020

Notes:

* Copper compression lug suitable for all copper conductors only.
** Bi-metal compression lug with universal aluminum barrel suitable for copper or aluminum conductors.