RAYCHEM ELB-15-210

15 KV, 200A LOADBREAK ELBOW

KEY FEATURES

- Peroxide cured EPDM rubber ensures low tension set and high dielectric strength
- 100% factory production tested for partial discharge and AC Hipot per IEEE 386
- Capacitive test point
- Fits 15 kV cables up to 250 kcmil
- Molded semiconducting shield provides ground shield continuity in accordance with IEEE 592
- Conforms to IEEE Standard 386

TE Connectivity's (TE) ELB-15-210 elbows are designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear that are equipped with bushings. They are fully shielded and fully submersible and are designed in accordance to IEEE Standard 386 – latest revision. Loadbreak elbows are designed for use with standard hotstick tools, which allows a loadmake/break operation with a physical disconnect.

They are designed for use on extruded (XLPE or EPR) solid dielectric cable. The conductor range is from #2 AWG to 250 kcmil for aluminum or copper conductors with insulation diameters from 0.370" to 1.060".

This 200A Loadbreak elbow includes a copper top compression connector, which connects the cable with the loadbreak probe. This connector is easy to crimp, is suitable for aluminum and copper conductors, and forms a reliable connection.

Optional Integral Jacket Seal
The elbow can be ordered with an integral jacket seal (part number suffix –ES), which is an environmental seal molded to the elbow that prevents moisture ingress.

RAYCHEM ELB-15-20

RATINGS	
Description	**15 kV**
Minimum Partial Discharge	11
Max Rating Phase-to-Ground	8.3
Max Rating Phase-to-Phase	14.4
AC 60 Hz 1 Minute Withstand (rms)	34
DC 15 Minute Withstand	53
BIL and Full Wave (Crest)	95

Ordering Formula

ELB-15	1	2	3	4

1	Current Rating | Test Point Code
200 = 200 AMP WITHOUT test point	
210 = 210 AMP WITH test point	

2	Cable Insulator O.D. Range	
Code	Inches	mm
A	.575 - .740	14.6 - 18.8
B	.640 - .905	16.2 - 23.0
C	.830 - 1.060	21.1 - 26.9
D	.930 - 1.220	23.6 - 31.0

3	Compression Lugs | Conductor Size (Aluminum or Copper)		
Code	Str/ Comp	Compact	Solid
2	2	1	1
10	1/0	2/0	2/0
20	2/0	3/0	3/0
30	3/0	4/0	4/0
40	4/0	250	250

4	Jacket Sealing
Code	Type
Blank	No Jacket Seal
ES	Integral Jacket Seal

Production Tests:

AC 1 Minute Withstand 34 kV
Minimum Corona Level 11 kV (3pC)
Test Point Voltage Test

Related Test Report: EDR-5574

Elbow Kit Contents:

Elbow body
Loadbreak probe
Silicone lubricant
Installation instructions sheet
Copper top terminal
Probe installation tool
Sealing mastic (integral seal only)

te.com/energy

FOR MORE INFORMATION: TE Technical Support Centers

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