



## Raychem BCAC Bushing Connection Animal Cover

### KEY FEATURES

- Reliable protection from animal-caused outages
- Fast and versatile installation
- High-performance materials for extreme durability
- Cover gripper attachment facilitates hot-stick installation from pole or bucket
- Step latching mechanism for craft-friendly installation

TE Connectivity's (TE) hot-stickable insulating cover is designed to prevent animal caused outages on pole-top transformer equipment ranging from 15 kV to 35 kV.

TE's Raychem insulating covers have been successfully eliminating outages from all types of animals for years. This cover has been designed to provide the same great protection with enhanced features.

The BCAC cover uses a scissor action design to allow for live installations on bushing skirts ranging in size from 1.7" (43 mm) through 2.7" (68 mm) in core diameter and 3.0" (75 mm) through 4.75" (120 mm) in shed diameter. The scissor action translates the force on contact with the bushing core to a rotating action that closes the cover around the bushing.

Superior high-voltage outdoor materials are used in the BCAC cover design. The rugged, non-tracking, UV-resistant polymer ensures long-term performance even in the most extreme environmental conditions.

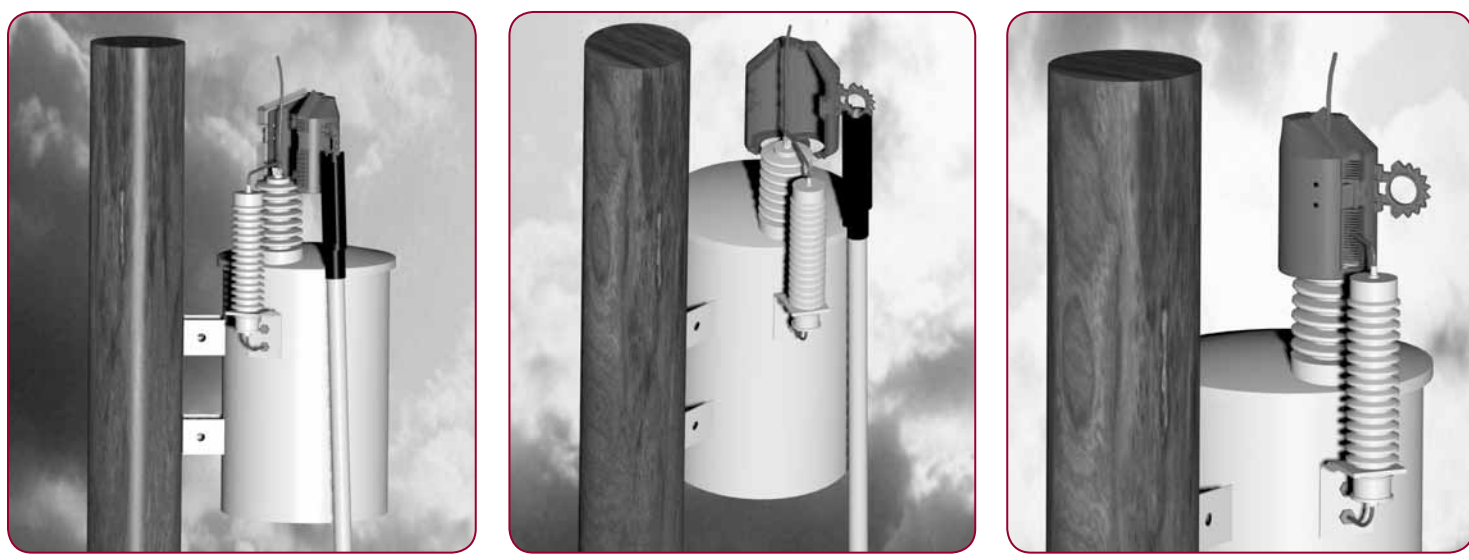
**Raychem**  
from TE Connectivity

Product Performance		
Key Material Properties	Test Method	Requirement
<b>Physical</b>		
Tensile Strength	ASTM D638	17 MPa minimum (2450 psi min.)
Ultimate Elongation	ASTM D638	5% minimum
<b>Electrical</b>		
Tracking and Erosion Resistance	ASTM D2303 Step Voltage Method (initiate @ 2.5 kV)	No tracking or erosion to top surface or flame failure after 1 hr @ 2.5 kV, 2.75 kV, 3.00 kV, 20 min @ 3.25 kV

Product Selection				
Product Type	Standard Pack	Insulator Core Range	Insulator Shed Range	Cover Size
BCAC-G-5D8 (B12)	12	1.7" - 2.7" (43 mm - 68 mm)	3.00" - 4.75" (75 mm - 120 mm)	5" (125 mm) dia, 8" (200 mm) ht

Technical Report: EDR - 5339 - Bushing Connection Animal Cover (BCAC 5 D/8) Mechanical/Electrical Evaluation  
 UVR - 8209 - Material Test Report

**HOT STICK INSTALLATION**



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