



BUSHING CONNECTION ANIMAL COVER (BCAC)

WILDLIFE AND ASSET PROTECTION PRODUCTS

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) Raychem BCAC 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" (68mm) 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.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



TE's wildlife and asset protection products and systems of tubes, tapes, sheets, pre-formed covers and barriers provide a proven, cost-effective and easy-to-install solution to bird, animal and weather related outages.

PRODUCT PERFORMANCE - Dimensions in inches (millimeters)

PHYSICAL	Key Material Properties		Test Method	Required	
	Tensile Strength		ASTM D638	17 MPa min., 2450 psi min.	
	Ultimate Elongation		ASTM D638	5% min.	
ELECTRICAL	Tracking and Erosion		ASTM D2303 Step Voltage Method (initiate at 2.5 kV)	No tracking erosion to top surface or flame failure after: 1 hr. at 2.5 kV 1 hr. at 2.75 kV 1 hr. at 3.0 kV 20 min. at 3.25 kV	
SELECTION	Insulator				
	Description	Core Range	Shed Range	Cover Size	Std. Pack
	BCAC-G-5D8 (B12)	1.7 - 2.7 (43 - 68)	3.00 - 4.75 (75 - 120)	5 (125) dia, 8 (200) ht	12

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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