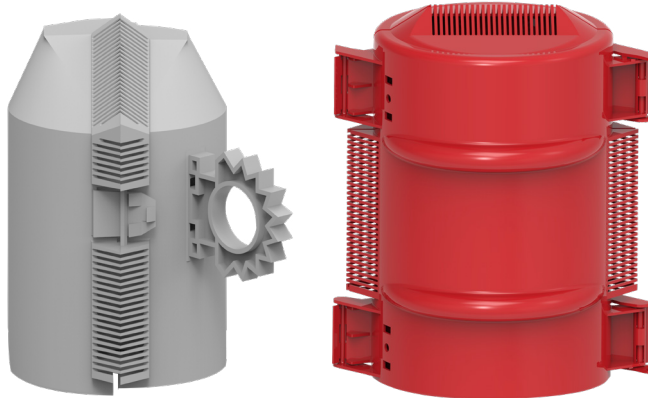


RAYCHEM BUSHING CONNECTION ANIMAL COVERS BCAC-D

WILDLIFE AND ASSET PROTECTION PRODUCTS



INSTALLABLE IN LIVE ENVIRONMENT USING HOT-STICK

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**
- **REACH and RoHS compliant**

TE Connectivity (TE) Raychem BCAC-D hot-stickable insulating covers are designed to prevent animal-caused outages on pole-top transformer equipment, ranging from 15 kV to 36 kV.

Our bushing cover range has a proven track record in eliminating outages from any types of animals for years. They have been designed to provide the same protection with enhanced features.

The BCAC-5D covers use a scissor action design to allow for live installations on bushing skirts, ranging in size from 43 mm (1.7 inch) to 68 mm (2.7 inch) in core diameter, and 75 mm (3.0 inch) to 120 mm (4.75 inch) 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.

Premium high-voltage outdoor materials are used in the BCAC cover design. Long-term performance is ensured, even in the most extreme environmental conditions, thanks to the rugged, non-tracking, UV-resistant polymer.

APPLICATIONS

- Transformer
- Insulators
- Bushings
- Surge Arrester

RELEVANT STANDARDS AND TESTING

- Thermal Endurance - IEC 60216
- Dielectric Strength - ASTM D257
- Tracking and Erosion Resistance - ASTM D2303

TECHNICAL SPECIFICATIONS

Description	Insulator Core Range	Insulator Shed Range	Cover	Pack Size (Quantity)	Colour
BCAC-5D/8 (B12)	43 - 63 mm (1.7 - 2.7 inch)	75 - 122 mm (3.0 - 4.8 inch)	203 mm (8.0 inch)	12	Red
BCAC-G-5D/8 (B12)	43 - 63 mm (1.7 - 2.7 inch)	75 - 122 mm (3.0 - 4.8 inch)	203 mm (8.0 inch)	12	Grey
BCAC-7D/10 (B6)	38 - 108 mm (1.5 - 4.25 inch)	102 - 173 mm (4.0 - 6.8 inch)	266 mm (10.5 inch)	6	Red
BCAC-G-7D/10 (B6)	38 - 108 mm (1.5 - 4.25 inch)	102 - 173 mm (4.0 - 6.8 inch)	266 mm (10.5 inch)	6	Grey
BCAC-8D/14 (B6)	43 - 125 mm (1.7 - 5.04 inch)	125 - 203 mm (5.0 - 8.0 inch)	355 mm (14.0 inch)	6	Red
BCAC-G-8D/14 (B6)	43 - 125 mm (1.7 - 5.04 inch)	125 - 203 mm (5.0 - 8.0 inch)	355 mm (14.0 inch)	6	Grey

PRODUCT PERFORMANCE

Product Test	Performance	
AC Withstand 20 kV IEEE-4: 1978	No flash over	
Wind Tunnel 70 MPH for 10 mins	No dislodging of cover from insulator location	
Properties	Test Method	Requirement
Physical		
Tensile Strength	ASTM D638	17 Mpa (2450 psi) min.
Ultimate Elongation	ASTM D638	25% min.
Electrical		
Tracking and Erosion Resistance	ASTM D2303 Step Voltage Method (initiated at 2.5 kV)	No tracking erosion to top surface or flame failure after: 1 hr at 2.50 kV 1 hr at 2.75 kV 1 hr at 3.00 kV 20 min. at 3.25 kV
Dielectric strength	ASTM D257	150 kV/cm min. (2.5 mm)

TEST REPORTS

Document Reference	Material Test Report
PPR-3696	Material Test Report for TE Connectivity BCAC and BCAC-G
PPR-3697	Material Test Report for TE Connectivity BCAC+ and BCAC+G
PPR-3473	BCAC Product Test Report

INSTALLATIONS INSTRUCTIONS

Document Reference	Test Report
EPP-3225	Installation Instructions for BCAC-5D/8
EPP-3226	Installation instructions for BCAC-7D/10 and BCAC-8D/14

Learn more: [TE.com/energy](https://www.te-connectivity.com/energy)

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