



BUSHING CONNECTION PROTECTION COVER

WILDLIFE AND ASSET PROTECTION PRODUCTS

KEY FEATURES

- Visual inspection of connection and oil levels
- Conductors and leads exit easily through cover
- Robust latching and hinging mechanisms
- Fast and versatile installation

TE Connectivity's (TE) Raychem BCAC-IC insulating cover is designed to prevent animal caused outages on breaker, transformer and pole-top transformer bushings ranging from 15 kV to 35 kV.

The BCAC-IC insulating covers have been successfully eliminating outages from all types of animals for years. This cover is designed to provide the same great protection with enhanced features.

The cover is easily installed around bushings and connections by wrapping the double hinged design around the insulator's top skirt and snapping it in place with a robust latching mechanism. The cover allows for conductors to exit out both from the top and side interfaces without the need to trim the cover. The design allows for visible inspections of oil fill levels on transformer bushings as well.

Superior high-voltage outdoor materials are used in the BCAC cover design. The rugged, cross linked, non-tracking, UV-resistant, high temperature 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.



BCAC-IC closed cage

BCAC-IC open cage

PRODUCT PERFORMANCE							
TEST	AC Dry Withstand	25 kV phase-to-ground					
	PHYSICAL	Key Material Properties	Specification	Results			
Tensile Strength		ASTM D638	17 Mpa min. (2450 psi min.)				
Ultimate Elongation		ASTM D638	25% min.				
ELECTRICAL	Tracking/Erosion Resistance	ASTM D2303	No tracking or erosion to top surface or flame failure after:				
		Step Voltage Method (initiate at 2.5 kV)	1 hr. at 2.50 kV 1 hr. at 2.75 kV 1 hr. at 3.00 kV 20 min. at 3.25 kV				
SELECTION	UOM: Inches (mm)						
		Description	Insulator			Std. Pack	
			Core Range	Shed Range	Cover Size	Color	
		BCAC-IC-5D/6 (B6)	1.5-3.50 (38-89)	2.50-5.0 (63-127)	5.00 (127) dia., 6 (152) ht.	Red	6
		BCAC-G-IC-5D/6 (B6)	1.5-3.50 (38-89)	2.50-5.0 (63-127)	5.00 (127) dia., 6 (152) ht.	Gray	6
		BCAC-IC-7D/12 (B6)	3.0-4.87 (76-124)	3.75-7.00 (95-178)	7.00 (178) dia., 12 (305) ht.	Red	6
		BCAC-G-IC-7D/12 (B6)	3.0-4.87 (76-124)	3.75-7.00 (95-178)	7.00 (178) dia., 12 (305) ht.	Gray	6
		BCAC-IC-8D/18 (B6)	3.5-6.25 (90-160)	4.00-8.00 (100-200)	8.00 (200) dia., 18 (455) ht.	Red	6
	BCAC-G-IC-8D/18 (B6)	3.5-6.25 (90-160)	4.00-8.00 (100-200)	8.00 (200) dia., 18 (455) ht.	Gray	6	

TECHNICAL REPORT

EDR-5514 BCAC-IC Electrical Evaluation
UVR 8209 Material Test Report

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