



BUSHING CONNECTION ANIMAL COVER INSPECTION COVER (BCAC-IC)

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
- REACH and RoHS compliant

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 36 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-IC 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 Raychem Bushing Connection Protection Cover



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

TESTING

AC Withstand

25 kV phase to ground

Physical

Key Material Property	Specification	Results
Tensile Strength	ATSM D638	17 MPa (2450 psi) min.
Ultimate Elongation	ASTM D638	25% min.

Electrical

Key Material Property	Specification	Results
Dielectric Strength	ATSM D257	150 kV/cm min. (2.5 mm)
Tracking and Erosion Resistance	ATSM D2303 Step Voltage Method (initiate at 2.5 kV)	No tracking erosion to top surface or flame failure after: 1hr at 2.5 kV 1hr at 2.75 kV 1hr at 3.00 kV 1hr at 3.25 kV 1hr at 3.5 kV



BCAC-IC closed cage

PRODUCT SELECTION INFORMATION - DIMENSIONS IN INCHES (MM)

Description	Insulator Core Range	Insulator Shed Range	Cover Height	Color	Standard Pack Size
BCAC-IC-5D/6 (B6)	1.5 - 3.5 (38 - 89)	2.5 - 5.0 (63 - 127)	6 (152)	Red	6
BCAC-G-IC-5D/6 (B6)	1.5 - 3.5 (38 - 89)	2.5 - 5.0 (63 - 127)	6 (152)	Gray	6
BCAC-IC-7D/12 (B6)	3.0 - 4.87 (76 - 124)	3.75 - 7.00 (96 - 178)	12 (305)	Red	6
BCAC-G-IC-7D/12 (B6)	3.0 - 4.87 (76 - 124)	3.75 - 7.00 (96 - 178)	12 (305)	Gray	6
BCAC-IC-8D/18 (B6)	3.5 - 6.25 (90 - 160)	4.00 - 8.00 (100 - 200)	18 (455)	Red	6
BCAC-G-IC-8D/18 (B6)	3.5 - 6.25 (90 - 160)	4.00 - 8.00 (100 - 200)	18 (455)	Gray	6
BCAC-IC-10.5D/20 (B6)	3.5 - 8.5 (90 - 215)	6 - 10.5 (150 - 267)	20 (508)	Red	6
BCAC-G-IC-10.5D/20 (B6)	3.5 - 8.5 (90 - 215)	6 - 10.5 (150 - 267)	20 (508)	Gray	6



BCAC-IC open cage

TECHNICAL REPORT

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

INSTALLATION INSTRUCTIONS

EPP-322-10/18	Installation Instructions for BCAC-IC (all sizes)
PII-56104	

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