



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	

te.com/energy

©2010, 2012, 2014, 2015, 2016 TE Connectivity Ltd. family of companies. All Rights Reserved. EPP-2675-DDS-11/18

Raychem, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 508 695
Russia:	+ 7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015