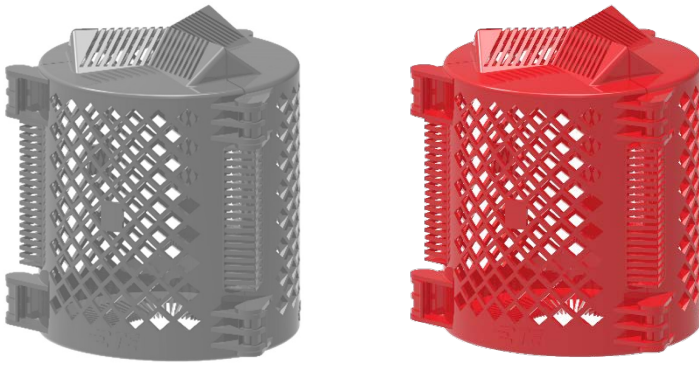


# RAYCHEM BUSHING CONNECTION INSULATING COVERS BCAC-IC2

## WILDLIFE AND ASSET PROTECTION PRODUCTS



**DESIGN ALLOWS FOR ENHANCED  
VISUAL AND THERMAL INSPECTION  
FOR BUSHING CONNECTIONS,  
INSULATORS AND SURGE ARRESTERS**

### KEY FEATURES

- UV and weather resistant material
- Visual inspection of connection and oil levels
- Easy access to conductors and leads through the covers
- Robust latching and hinging mechanisms
- REACH and RoHS compliant

TE Connectivity's (TE) Raychem BCAC-IC2 insulating covers are designed to prevent animal-caused outages on breaker, transformer, and pole-top transformer bushings, ranging from 15 kV to 36 kV. Our bushing covers have a proven track record in eliminating outages from any types of animals for years.

The new BCAC-IC2 covers provide the same protection with enhanced features. These covers are easy to install around bushings and connections by wrapping the double-hinged design around the top skirt of the insulator, and snapping it in place with a robust latching mechanism. They enable the conductors to exit from the top and side interfaces, without trimming the covers. The design also allows for visual inspections of oil fill levels on the transformer bushings.

Premium, high-voltage outdoor materials are used in the BCAC-IC2 covers. Their long-term performance is ensured, even in the most extreme environmental conditions, thanks to the rugged, cross-linked, non-tracking, UV-resistant and high-temperature polymer.

### APPLICATIONS

- Bushing
- Transformer
- Surge Arrester
- Insulator

### RELEVANT STANDARDS AND TESTING

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

## TECHNICAL SPECIFICATIONS

Product Description	Insulator Core Range	Insulator Shed Range	Cover Height	Pack Size (Quantity)	Colour
BCAC-IC2-5D/6 (B6)	38 - 89 mm (1.5 - 3.5 inch)	2.5 - 5.0 mm (63 - 127 inch)	159 mm (6.26 inch)	6	Red
BCAC-G-IC2-5D/6 (B6)	38 - 89 mm (1.5 - 3.5 inch)	2.5 - 5.0 mm (63 - 127 inch)	159 mm (6.26 inch)	6	Grey
BCAC-IC2-13D/14 (B3)	140 - 235 mm (5.5 - 9.25 inch)	255- 330 mm (10.0 - 13.0 inch)	355 mm (14 inch)	3	Red
BCAC-G-IC2-13D/14 (B3)	140 - 235 mm (5.5 - 9.25 inch)	255- 330 mm (10.0 - 13.0 inch)	355 mm (14 inch)	3	Grey
BCAC-IC2-10.5D/12 (B3)	76 - 216 mm (3 - 8.5 inch)	190 - 267 mm (7.5 - 10.5 inch)	305 mm (12 inch)	3	Red
BCAC-G-IC2-10.5D/12 (B3)	76 - 216 mm (3 - 8.5 inch)	190 - 267 mm (7.5 - 10.5 inch)	305 mm (12 inch)	3	Grey
BCAC-IC2-8.5D/14 (B3)	64 - 216 mm (2.5 - 6.5 inch)	140 - 216 mm (5.5 - 8.5 inch)	355 mm (14 inch)	3	Red
BCAC-G-IC2-8.5D/14 (B3)	64 - 216 mm (2.5 - 6.5 inch)	140 - 216 mm (5.5 - 8.5 inch)	355 mm (14 inch)	3	Grey
BCAC-IC2-5D/14/1.5 (B6)	38 - 95 mm (1.5 - 3.7 inch)	76 - 127 mm (3.0 - 5.0 inch)	355 mm (14 inch)	6	Red
BCAC-G-IC2-5D/14/1.5 (B6)	38 - 95 mm (1.5 - 3.7 inch)	76 - 127 mm (3.0 - 5.0 inch)	355 mm (14 inch)	6	Grey
BCAC-IC2-5D/14/2 (B6)	50.7 - 2 mm (2 - 3.7 inch)	96.6 - 127 mm (3.8 - 5.0 inch)	355 mm (14 inch)	6	Red
BCAC-G-IC2-5D/14/2 (B6)	50.7 - 95 mm (2 - 3.7 inch)	96.6 - 127 mm (3.8 - 5.0 inch)	355 mm (14 inch)	6	Grey

## PRODUCT PERFORMANCE

Product Test	Performance	
AC Dry Withstand	25 kV min. phase to ground	
Properties	Test Method	Requirement
<b>Physical</b>		
Tensile Strength	ASTM D638	17 MPa min. 2450 psi min.
Ultimate Elongation	ASTM D638	25% min.
<b>Electrical</b>		
Dielectric Strength	ASTM D257	150 kV/cm min.
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

## TECHNICAL REPORT

Document Reference	Material Test Report
EDR-5514	BCAC-IC2 Product Test Report
PPR-3696	BCAC-IC2 Material Test Report

Installations Instruction	
EPP-4324	BCAC-IC2 Installation Instructions

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

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