



BUSHING CONNECTION PROTECTION COVER (BCAC-P-IC)

15 TO 35 kV

KEY FEATURES

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

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

TE's insulating covers have been successfully eliminating outages from all types of animals for years. This cover has been 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 the connection as well.

Rugged high-voltage outdoor materials are used in the BCAC cover design. The UV stabilized, track resistant polymer ensures excellent 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.

Bushing Connection Protection Cover (BCAC-P-IC)



PRODUCT TESTING	REQUIREMENT
AC Wet Withstand	25 kV phase to ground

PRODUCT PERFORMANCE		
Key Material Properties	Test Method	Requirement
Physical		
Tensile Strength	ASTM D638	17 Mpa minimum (2450 psi min.)
Ultimate Elongation	ASTM D638	25% minimum
Electrical		
Tracking and Erosion Resistance	ASTM D2303 Step Voltage Method (initiate at 2.5 kV)	No tracking or 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



BCAC-P-IC closed cage



BCAC-P-IC opened cage

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)					
Description	Standard Pack	Color	Insulator Core Range	Insulator Shed Range	Cover Size
BCAC-P-IC-5D/6 (B6)	6	Gray	1.5 - 3.50 (38 - 81)	2.50 - 5.0 (63 - 127)	5.00 (127) diameter, 6 (152) ht

TECHNICAL REPORT
EDR-5569-BCAC-P- IC Electrical Evaluation

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FOR MORE INFORMATION: TE Technical Support Centers

USA: + 1 800 327 6996
 France: + 33 380 583 200
 UK: + 44 0870 870 7500
 Germany: + 49 896 089 903
 Spain: + 34 916 630 400
 Benelux: + 32 16 351 731
 Canada: + 1 (905) 475-6222
 Mexico: + 52 (0) 55-1106-0800
 Latin/S. America: + 54 (0) 11-4733-2200
 China: + 86 (0) 400-820-6015