TRANSMISSION FLASHOVER PROTECTION COVER

WILDLIFE AND ASSET PROTECTION PRODUCTS

KEY FEATURES

- Crosslinked polymer
- Designed for flashover protection on up to 115 kV applications

TE Connectivity's (TE) Raychem BCIC-115-PH insulating cover provides protection from raptor induced flashovers on 115 kV transmission lines. The BCIC-115-PH cover is made from our thick BCIS material and it can be used on both porcelain disc and polymeric insulator designs.

The seven foot long body and bolt locking system can be used on energized or de-energized installations. The unique design allows the BCIC-115-PH cover to rest on the lowest insulator for porcelain I string designs. In polymeric/string designs, the cover rests on a bolted collar on top of the lowest portion of the insulator string. The collar is designed with our robust BCIS material.

TE's Raychem insulating covers have been successfully eliminating outages from all types of animals for years.

Superior high-voltage cross-linked materials are used in the BCIC cover design. The rugged, 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.

Raychem Transmission Flashover 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.

Porcelain Application

PRODUCT PERFORMANCE

PHYSICAL

Key Material Properties	Specification	Results
Tensile Strength	ASTM D638	1450 psi, min .
Ultimate Elongation	ASTM D638	300% min.
Low Temperature Flexibility	ASTM D2671 Procedure C	No cracking after 4 hrs. at -40°C

ELECTRICAL

Dielectric Strength	ASTM D257	330 at 2 mm
Volume Resistivity	ASTM D257	1.0 x 1013 Ohm cm min.
Dielectric Constant	ASTM D257	330 at 2 mm V/mil, min.
Tracking and Erosion Resistance	ASTM D2303 Step Voltage Method (initiate at 2.5 kV)	No tracking, erosion to top surface or flame failure after 200 mins.

SELECTION

Description	Part Number	Length	Height	Insulator Range	Application
BCIC-115-PH (B1)	111371-000	74 (1879.6)	15 (381)	9-12 (229-305)	Main cover
BCIC-Collar-50/280-5-BP	471716-000	–	–	–	Adapter collar for polymeric installations

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