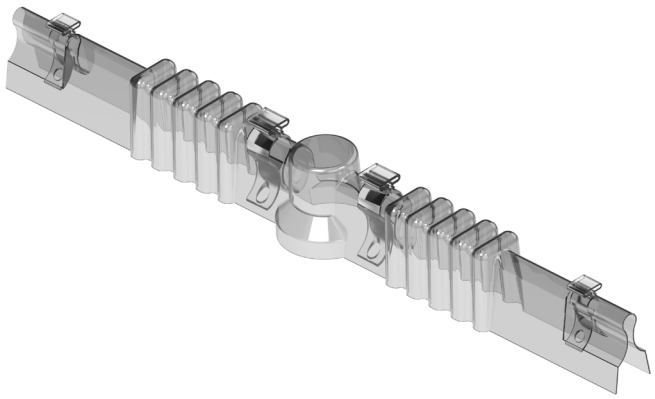
TRANSPARENT BIRD PROTECTION COVER (BCIC-TR)

WILDLIFE AND ASSET PROTECTION PRODUCTS



TRANSPARENT TO FACILITATE VISUAL INSPECTION

APPLICATIONS

- Post Insulators
- Medium Voltage & High Voltage Overhead Lines

RELEVANT STANDARDS AND TESTING

- Dielectric Strength - ASTM D149
- Tensile Strength - ASTM D412
- UV Weathering - ASTM G154

KEY FEATURES

- UV and Weather Resistant
- Versatile design to fit a wide range of post insulators
- Transparent clarity for up to 10 years (subject to the geographical location)
- Easy in-field modification if required
- REACH and RoHS Compliant

TE Connectivity's (TE) Transparent Bird Protection Covers BCIC-TR are designed to protect birds and other animals from dangerous proximity to live conductors and the tops of insulators mounted on concrete, wooden and metal poles.

The universal bird protection cover design is suitable for installation on any common insulators, up to 36 kV.
The BCIC-TR covers are manufactured from a transparent material which makes it easy to inspect the tops of the insulators and connections.

TE's BCIC-TR bird protection covers are secured at the ends and in the middle with either cable ties or screws and can protect a total conductor length of 1.4 m (55 inches). The underside of the bird protection cap has an open construction, allowing for the natural escape of a traveling arc.

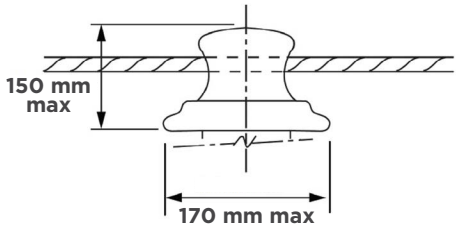
Extensive product and material testing have been performed to ensure that BCIC-TR covers are suitable for outdoor enviroments and applications with a transparent clarity for up to 10 years subject to the geographical location.

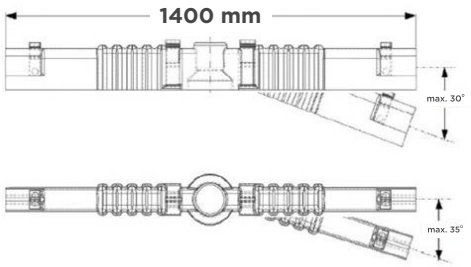
TECHNICAL SPECIFICATION

Product Description	Conductor Size Ømm (Ø inches)	Length m (inches)	Fixing Method	Live Installation Capable	Pack Sizes
BCIC-1217-TR-DE01	5 - 30 (0.2 - 1.2)	1.4 (55)	Cable Ties	No	3 and 15
BCIC-1217-TR-DE02	5 - 30 (0.2 - 1.2)	1.4 (55)	Plastic Screws	Yes	3 and 15

PRODUCT PERFORMANCE

Product Test	Performance	
AC Dry Withstand / 1 min.	25 kV min.	
AC Wet Withstand / 1 min.	25 kV min.	
Wind Resistance	135 km/h (37.5 m/s)	
Properties	**Test Method**	**Requirement**
Physical		
Tensile Strength	ASTM D412	10 MPa min. ; 1450 psi min.
Ultimate Elongation	ASTM D412	100% min.
UV Weathering (2000 hours)	ASTM G154 (Cycle 3)	10 MPa min. ; 1450 psi min. Transparent (yes)
Tracking and Erosion Resistance	IEC 60587 (Constant Method)	No tracking, erosion to top surface or flame. 6 hours @ 1 kV
Dielectric Strength	ASTM D149	140 kV/cm (4.7 mm)





TECHNICAL REPORT

Document Reference	Document Description
PPR-2959	Material Test Report
PPR-3290	Wind Tunnel Test Report
ESD-5926-DE	Installation Instructions BCIC-1217-TR-DE01
ESD-6016-DE	Installation Instructions BCIC-1217-TR-DE02

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