

Overhead distribution systems are inherently vulnerable to interruption and breakdown. As the networks have become more complex and extensive and more hardware has been installed, the risk of animal related outages has increased. Such faults escalate significantly the maintenance and equipment costs associated with unplanned outages. Outdoor terminations, conductors and busbars in electrical distribution systems provide excellent climbing apparatus for any invading animals and wildlife, the consequences of which can be supply interruption and extensive damage to equipment. A badly damaged transformer bushing requiring replacement is a typical example.



We offer form fitting, reusable insulating boots in an extensive range of configurations to cover every conceivable type or termination and connector associated with transformers, circuit breakers, capacitors and bus bar systems. This comprehensive range of boots provides the means for totally encapsulating any complex arrangement of bus bars and terminations. Throughout the distribution network, there is an increasing use of automatic reclosers, these devices are typically compact in design and are constructed with their bushings in close proximity to each other. This makes the device particularly vulnerable to animal invasion and here again insulated boots prove an ideal solution.

The insulating boots retain their electrical integrity throughout their lifetime and are easily fitted and removed for maintenance procedures. They are manufactured from inherently flame retardant, high-grade, flexible insulating material to match the system voltage requirements and are formulated to withstand a wide range of climate conditions including exposure to strong ultraviolet light. Evidence shows that customers who have installed insulated boots in vulnerable areas of their systems have greatly benefited from the reduction of animal induced outages and equipment failures.



Designed to cover an array of terminals, fittings, conductors and jumpers on overhead powerlines, vermin shrouds prevent flashovers and outages caused by squirrels, birds and other vermin. For use on systems up to 33kV these shrouds are flexible and hard wearing and can be fitted and removed easily. Can be installed by live rubber glove procedures without interruption to the consumer. Please contact us for your individual requirements.

- Standard and customised designs
- Re-usable
- Form fitting and flexible
- Flame retardant
- High dielectric strength
- UV stabilised
- Designed for outdoor temperatures down to -40°C
- Excellent weathering properties

