



BIRD PROTECTION SYSTEMS FOR 15kV – 36kV MV / HV NETWORKS



3D Video



COVER FOR MV CABLE TERMINATIONS.

COVER MODEL **SPEB**

> 5.100pcs Installed 2017 - 2020



Design Features:

The SPEB cover is designed for covering up the energised parts of Overhead/Underground Cable Sealing Ends (Terminations) with vertical, horizontal and even double conductor exit or Bypass (Fig. 2), on distribution lines up to 36kV. The silicone thickness used is 3.5 mm, conferring the device the necessary dielectric strength and ensuring its consistent enduring effective performance.

Installation: Once the conductor has been covered up with a suitable protective cover (B), this is fitted to ensure the conductor is protected as close as possible to the terminal (A). Then the SPEB, device is opened and fitted over the termination neck, so that it fully covers the energised parts, and fixed in place by means of the 4 preinstalled pins provided. Then the conductor cover (B) is secured to the SPEB device by means of self-welding silicone tape (C). For configurations where the initially sealed cone-shaped exit is also used, this must be cut open. Once the device has been installed, secure the conductor cover to the cone(s) using tape.

The images show our Mod. SWP silicone conductor cover (B), secured by means of self-fusing silicone tape (C).

Advantages: The design features to avoid moisture condensation and prevent rainwater ingress include: an exclusive drainage system has been designed on its bottom part (Fig. 1) to prevent any possibility of moisture build-up. In addition, it incorporates two cone-shaped sections which, by means of silicone tape or UV resistant plastic ties and thanks to the inherent properties of the silicone material, allow fitting over the conductor cover performing a twofold function: on the one hand hindering water ingress, and on the other providing an additional fixing for the SWP conductor cover, (B), (Figs. 3 & 4) securing it to prevent it from slipping along the conductor. The inherent flexibility and properties of the material allow the device to be easily adapted to the specific needs of each application, allowing easy trimming of excess portions (cone-shaped section) to adapt it to any type of conductor cover.

Standard Format and Packaging:

Model SPEB covers for rigid polymer insulators are supplied in recyclable cartons holding 6 RAL 3031 red units. Each package includes information on the month and year of manufacture, Batch No, as well as handling, storage and recycling instructions. Inside the carton is a detailed Instruction Manual, for proper installation of the cover. Includes a QR Code providing access to the field installation video.

