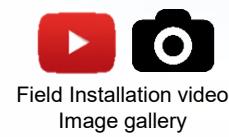




BIRD PROTECTION SYSTEMS FOR 15kV – 36kV MV / HV NETWORKS



COVER FOR USE ON MV VALVE TYPE SURGE ARRESTERS.

COVER. MODEL **SPSA**

> 23.000pcs Installed 2015 - 2020



Design Features: The SPSA cover is designed as a universal device for covering up the upper metal hardware and fittings of most types of MV Polymer and Ceramic Surge Arresters available on the market (Fig. 5) . Its inner diameter allows it to house sheds of up to 120mm diameter. In addition to its main intended purpose, this device, given its adaptability and dimensions, can also be used in the following applications:

- Its design and inner capacity (Figs. 1 & 2) allow it to cover up the upper hardware of some types of Post Insulators and Substation Busbar Support Insulators (Fig.5b). Its cones (Fig. 3) are of sufficient diameter to house busbars of up to 34mm diameter.
- The SPSA can be optionally used to cover up distribution Transformer Bushings. The silicone thickness used is ≥ 3.5 mm, conferring the device the necessary dielectric strength (<36kV) and ensuring its enduring effective performance.

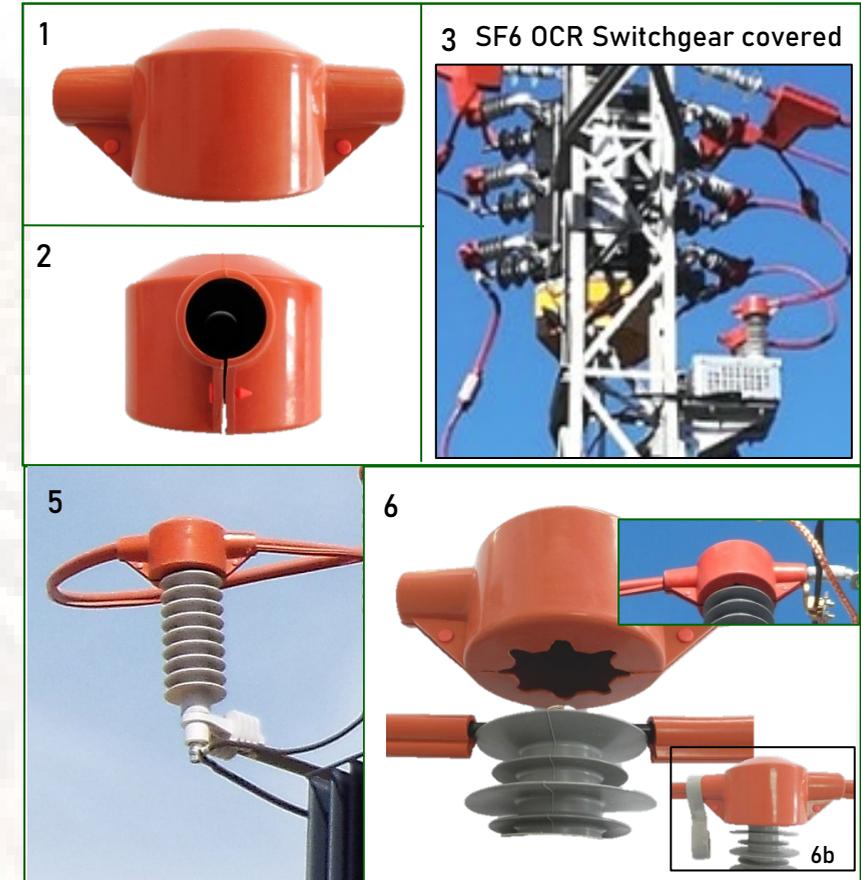
Installation: Its clamshell opening design, with 2 locking points by means of pins, (preinstalled on each device), allows easy installation by hand with no tools on existing lines (Fig.6).

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. 4) 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, (Fig. 6b), securing it to prevent it from slipping along the conductor. The inherent flexibility and nature 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 SPSA covers for polymer post 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.



Installation on Surge Arresters and Support Insulators. The cones incorporated in the device can be sealed **OPTIONALLY**, and secured to the conductor cover, providing an additional anti-slipping protection for the mod. SWP cover.

