

# CERAMIC ARRESTERS



The Ceramic Gas Tube Arresters manufactured by Sankosha Corporation provide protection for personnel, equipment and circuitry from the abnormally high transient voltages which can be caused by lightning or electromagnetic induction. The arresters are designed with defined surge limiting characteristics. When the abnormal voltage on a line reaches that defined level, sparkover (or breakdown) occurs within the gas tube arrester, the surge is redirected and people and equipment are protected.

Sankosha's Ceramic Arresters are very durable and extremely gastight. They have precise sparkover voltages and very high AC current withstand capability and impulse withstand capability. Different applications require different types of arresters and Sankosha provides arresters to meet every need. Arrester models vary both in dimension and in electrical characteristics and it is important that arresters be selected in accordance with the requirements of the particular application. While two electrode arresters have the advantage of being lower priced, the opening in the center electrode of the three electrode arrester allows the two gaps of the arrester to share a common gas chamber. This causes sparkover to occur almost simultaneously in both sides of the arrester and minimizes the current surge in the protected lines.

The various standard designs that Sankosha currently produces are described in this catalogue. Arresters for special applications are also available and we welcome your inquiries if the model you need is not listed here.