



INSTRUCTIONS

GEMVAR
Water-cooled CapacitorsSUPPLEMENT TO GEH-2733

In addition to the General Safety Instructions covered in Instruction GEH-2733, the installation procedure outlined below must be closely followed when applying this type of capacitor.

The dielectric system used in this type capacitor is self-clearing, which contributes to the capacitor reliability and longevity. The generation of small amounts of gas is associated with this clearing action, and is cumulative over the life of the capacitor.

This dielectric wear-out mechanism is such that there is no heavy inrush of current as is associated with the conventional capacitor dielectric fault. Therefore, conventional use of fusing to prevent case rupture is not suitable. For this reason, a pressure switch is incorporated in the design of the capacitor. The pressure switch contacts must be inserted in the control circuit of the equipment disconnect device (contactor or breaker) to de-energize the capacitor when the pressure switch operates at the end of life.

Strict adherence to this instruction will contribute to a reliable and safe installation.