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EFFICIENCY OF OVERVOLTAGE PROTECTION OF 400 V NETWORK

ABSTRACT

This paper presents protection of the loads in 400 V power network with surge arresters of lightning overvoltages. With experiments and calculations it was found that the best protection for loads is positioning surge arresters at measuring-switching box in the building (substation). It is necessary to protect the equipment with sensitive electronic parts with extra protective devices.

Keywords: Overvoltage protection, surge arrester.