1. Record Nr. UNISA996280451803316 IEEE Std C37.99-2012 (Revision of IEEE Std C37.99-2000) / / IEEE Titolo Power & Energy Society Power System Relaying Committee, Institute of Electrical and Electronics Engineers, IEEE-SA Standards Board New York:,: IEEE,, [2013] Pubbl/distr/stampa **ISBN** 0-7381-8039-4 Descrizione fisica 1 online resource (x, 139 pages): illustrations IEEE Std Collana Disciplina 621.315 Soggetti Capacitor banks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto The protection of shunt power capacitor banks and filter capacitor banks are discussed in this guide. The guidelines for reliable application of protection methods intended for use in many shunt capacitor bank designs are included. Also, a detailed explanation of the theory of unbalance protection principles is provided. Discussions on the protection of pole-mounted capacitor banks on distribution circuits or capacitors connected to the terminals of rotating machines are not included as they are outside the scope of this standard. Keywords: bank configuration, externally fused, filter bank, fuseless, IEEE C37.99, internally fused, overcurrent, overvoltage, relay, shunt capacitor bank,

unbalance protection.